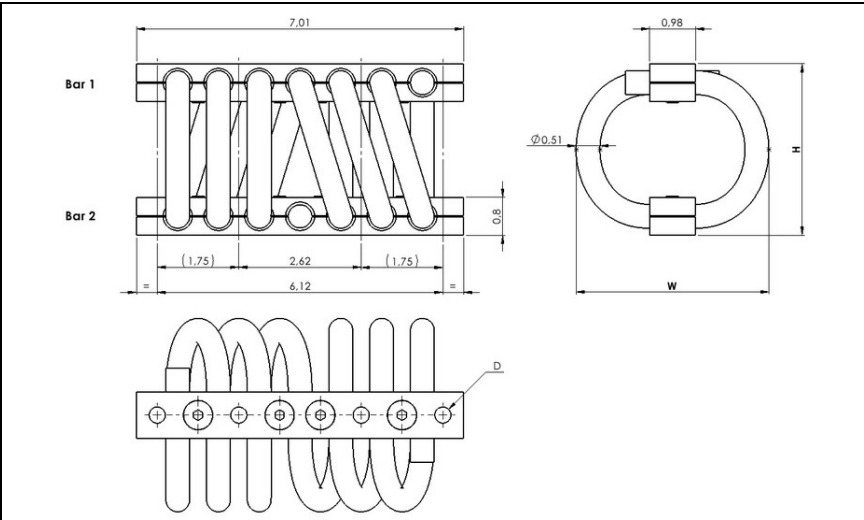


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series FH52



- 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)
FH52
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	3.0	3.6	2.9
-24	3.3	4.0	3.1
-28	3.5	4.1	3.2
-32	3.7	4.8	3.5
-36	4.3	5.2	3.9
-44	4.9	5.6	4.3
-46	5.4	6.1	4.7
-48	6.1	7.1	5.2
-50	6.5	7.3	5.5
-52	6.9	8.3	6.0

INTERFACES			
fixtures holes D	Bar 1		
	Ø 0.35 in through holes	Ø 0.35 in through holes counter-sunk 82°	1/4 - 28 inserts
Bar 2			
Ø 0.35 in through holes	T2	not standard	not standard
Ø 0.35 in through holes counter-sunk 82°	TC	C2	not standard
1/4 - 28 inserts	TI	CI	I2

F	H	5	2	-	2	0	0	6	C	I
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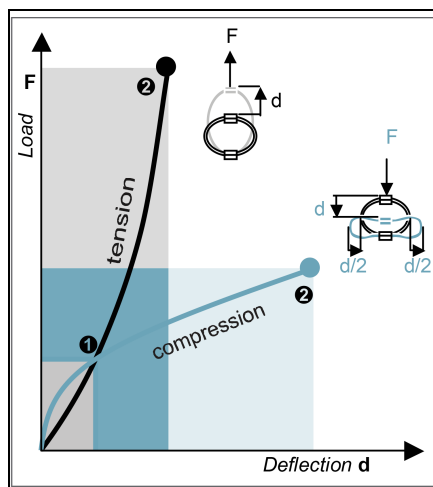
SERIE: FH52
'Helical' mount from the FH52 series

MODEL: -20
height: 3.0in
width: 3.6in
weight: 2.9lbs

LOOPS: 06
Serie standard is 06 loops

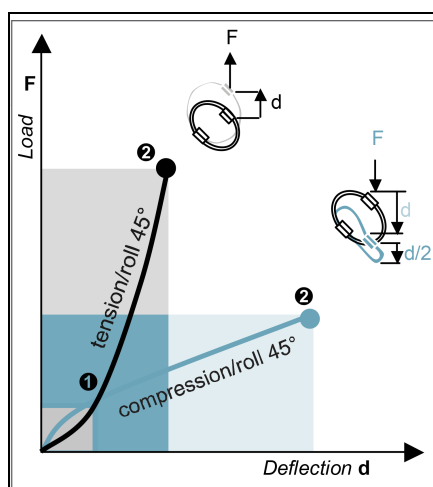
INTERFACE: CI
Ø 0.35 in through holes counter-sunk 82° in bar 1,
1/4 - 28 inserts in bar 2





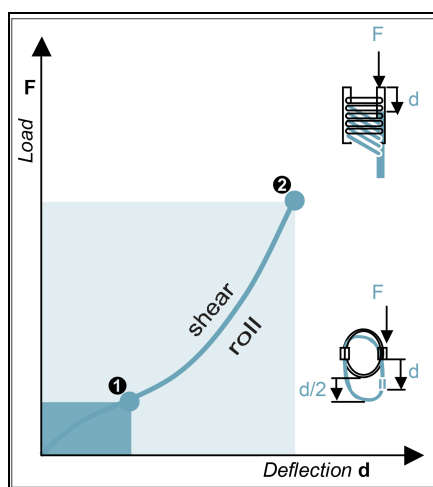
COMPRESSION AND TENSION

FH52 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48	-50	-52
1.Max Static	F lbf	880	700	660	480	400	350	290	220	210	160
	d in	0.23	0.27	0.31	0.35	0.44	0.54	0.61	0.75	0.79	0.88
2.Max Shock	F lbf	2600	2100	2000	1400	1200	1000	880	660	620	480
	d in	1.2	1.5	1.7	1.9	2.4	2.9	3.4	4.0	4.4	4.7
3.Max Vibration	2a in	0.14	0.16	0.19	0.21	0.26	0.32	0.37	0.44	0.49	0.52
	f Hz	6.6	6.1	5.6	5.5	4.9	4.2	3.9	3.6	3.4	3.4
1.Max Static	F lbf	880	700	660	480	400	350	290	220	210	160
	d in	0.17	0.21	0.22	0.29	0.34	0.37	0.42	0.52	0.54	0.65
2.Max Shock	F lbf	8700	7100	6200	5200	4100	3200	2700	2100	1900	1600
	d in	0.73	0.93	0.91	1.3	1.5	1.5	1.7	2.2	2.1	2.8
3.Max Vibration	2a in	0.08	0.10	0.10	0.15	0.16	0.17	0.19	0.24	0.24	0.31
	f Hz	9.8	8.8	8.6	7.5	6.9	6.6	6.2	5.6	5.5	5.0



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH52 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48	-50	-52
1.Max Static	F lbf	660	530	500	360	300	260	220	160	150	120
	d in	0.33	0.41	0.44	0.54	0.65	0.75	0.86	1.0	1.1	1.3
2.Max Shock	F lbf	1700	1400	1300	950	780	670	560	420	400	320
	d in	1.9	2.2	2.6	2.9	3.6	4.4	5.1	6.1	6.6	7.1
3.Max Vibration	2a in	0.20	0.25	0.28	0.32	0.39	0.49	0.56	0.67	0.73	0.78
	f Hz	5.6	5.2	4.8	4.7	4.1	3.6	3.3	3.1	2.9	2.9
1.Max Static	F lbf	660	530	500	360	300	260	220	160	150	120
	d in	0.22	0.28	0.29	0.38	0.45	0.49	0.56	0.69	0.72	0.86
2.Max Shock	F lbf	4300	3600	3100	2600	2000	1600	1300	1000	920	790
	d in	0.83	1.1	1.0	1.5	1.7	1.7	1.9	2.5	2.4	3.2
3.Max Vibration	2a in	0.09	0.12	0.11	0.17	0.19	0.19	0.21	0.27	0.27	0.35
	f Hz	8.8	7.8	7.7	6.7	6.2	5.9	5.6	5.0	4.9	4.5



SHEAR OR ROLL

FH52 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48	-50	-52
1.Max Static	F lbf	440	350	330	240	200	170	150	110	100	81
	d in	0.31	0.38	0.44	0.50	0.63	0.80	0.93	1.1	1.2	1.3
2.Max Shock	F lbf	2300	1900	1600	1300	1000	770	630	480	430	370
	d in	1.1	1.4	1.5	1.9	2.3	2.5	2.9	3.6	3.7	4.4
3.Max Vibration	2a in	0.13	0.15	0.16	0.21	0.25	0.28	0.32	0.39	0.41	0.48
	f Hz	7.0	6.3	6.0	5.4	5.0	4.6	4.3	3.9	3.8	3.6

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