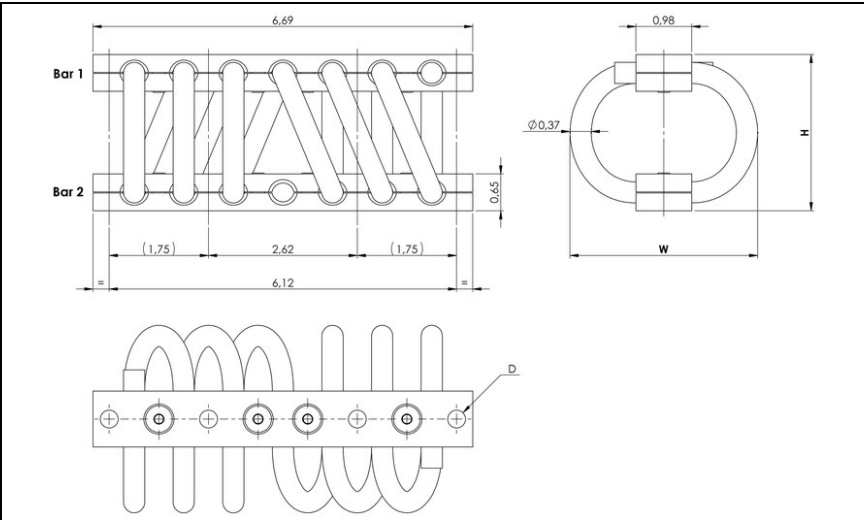


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series FH40



- 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)
FH40
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	3.1	1.6
-24	2.8	3.3	1.6
-32	2.9	3.5	1.7
-34	3.2	4.3	1.9
-36	3.0	4.1	1.8
-38	3.5	4.3	1.9
-44	4.1	4.8	2.1
-46	4.3	5.5	2.3
-48	4.9	5.6	2.4
-50	5.3	6.0	2.6
-52	6.1	7.1	2.9
-54	6.5	7.3	3.0

INTERFACES			
fixtures holes D	Bar 1		
	ø 0.29 in through holes	ø 0.29 in through holes counter-sunk 82°	1/4 - 28 inserts
Bar 2			
ø 0.29 in through holes	T2	not standard	not standard
ø 0.29 in through holes counter-sunk 82°	TC	C2	not standard
1/4 - 28 inserts	TI	CI	I2

F	H	4	0	-	2	0	0	6	C	I
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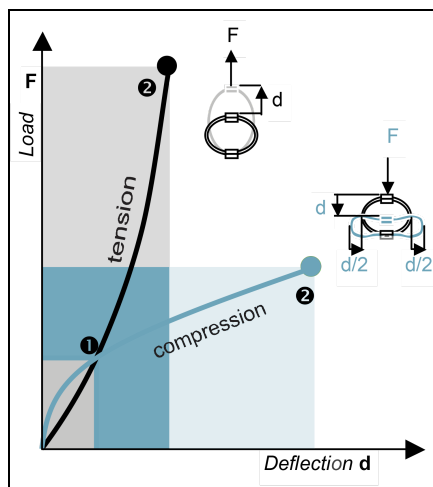
SERIE: FH40
'Helical' mount from the FH40 series

MODEL: -20
height: 2.7in
width: 3.1in
weight: 1.6lbs

LOOPS: 06
Serie standard is 06 loops

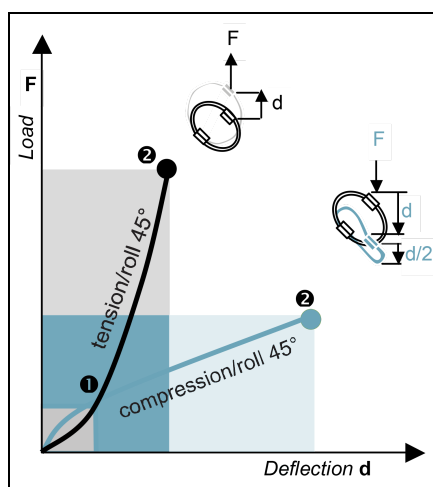
INTERFACE: CI
ø 0.29 in through holes counter-sunk 82° in bar 1,
1/4 - 28 inserts in bar 2





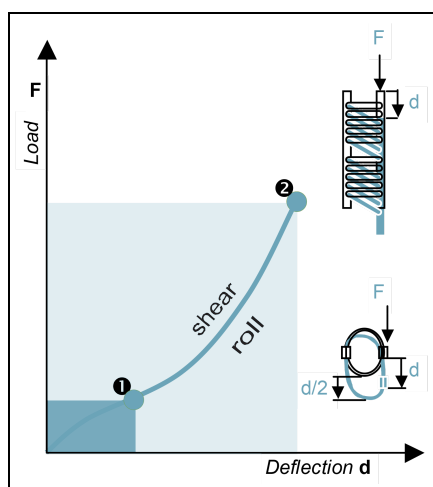
COMPRESSION AND TENSION

FH40 Series	Model	-20	-24	-32	-34	-36	-38	-44	-46	-48	-50	-52	-54
1.Max Static	F lbf	370	330	290	190	200	190	150	110	110	94	68	64
	d in	0.21	0.23	0.27	0.32	0.29	0.37	0.45	0.49	0.57	0.63	0.79	0.82
2.Max Shock	F lbf	1100	990	860	560	610	580	450	330	320	280	200	190
	d in	1.2	1.3	1.5	1.7	1.6	2.0	2.6	2.7	3.2	3.6	4.3	4.7
3.Max Vibration	2a in	0.14	0.15	0.16	0.19	0.17	0.22	0.28	0.29	0.35	0.39	0.48	0.52
	f Hz	8.4	8.0	7.7	6.9	7.2	6.5	5.8	5.6	5.2	4.9	4.4	4.3
1.Max Static	F lbf	370	330	290	190	200	190	150	110	110	94	68	64
	d in	0.14	0.16	0.18	0.26	0.25	0.26	0.30	0.40	0.39	0.43	0.54	0.56
2.Max Shock	F lbf	3200	2900	2600	2000	2300	1800	1300	1200	970	840	630	570
	d in	0.54	0.61	0.75	1.2	1.2	1.1	1.2	1.8	1.6	1.7	2.2	2.2
3.Max Vibration	2a in	0.06	0.07	0.08	0.13	0.13	0.12	0.13	0.20	0.17	0.19	0.24	0.24
	f Hz	12.6	11.9	10.9	8.8	9.0	9.2	8.6	7.2	7.5	7.2	6.3	6.3



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH40 Series	Model	-20	-24	-32	-34	-36	-38	-44	-46	-48	-50	-52	-54
1.Max Static	F lbf	270	250	210	140	150	140	110	82	81	70	51	48
	d in	0.26	0.28	0.35	0.46	0.40	0.48	0.52	0.71	0.65	0.72	1.1	0.96
2.Max Shock	F lbf	700	630	550	370	400	370	290	220	210	180	130	120
	d in	1.9	2.0	2.2	2.6	2.3	3.0	3.8	4.0	4.8	5.4	6.5	7.1
3.Max Vibration	2a in	0.20	0.22	0.24	0.29	0.26	0.33	0.42	0.44	0.53	0.59	0.71	0.78
	f Hz	6.3	6.1	5.7	5.2	5.4	4.9	4.4	4.2	3.9	3.7	3.3	3.2
1.Max Static	F lbf	270	250	210	140	150	140	110	82	81	70	51	48
	d in	0.18	0.21	0.24	0.30	0.31	0.31	0.36	0.51	0.49	0.53	0.70	0.67
2.Max Shock	F lbf	1600	1400	1300	1000	1100	900	660	580	480	410	310	280
	d in	0.62	0.70	0.86	1.4	1.4	1.2	1.4	2.1	1.8	1.9	2.5	2.5
3.Max Vibration	2a in	0.07	0.08	0.09	0.15	0.15	0.13	0.15	0.23	0.20	0.21	0.28	0.27
	f Hz	10.3	9.7	8.8	7.1	7.3	7.4	6.9	5.8	6.1	5.8	5.2	5.1



SHEAR OR ROLL

FH40 Series	Model	-20	-24	-32	-34	-36	-38	-44	-46	-48	-50	-52	-54
1.Max Static	F lbf	180	160	140	94	100	96	75	55	54	47	34	32
	d in	0.32	0.32	0.38	0.41	0.40	0.52	0.64	0.67	0.83	0.90	1.2	1.3
2.Max Shock	F lbf	820	750	680	520	590	460	320	290	230	200	150	130
	d in	1.0	1.1	1.3	1.7	1.6	1.7	2.1	2.6	2.7	3.0	3.7	3.9
3.Max Vibration	2a in	0.11	0.12	0.14	0.19	0.18	0.19	0.23	0.29	0.30	0.33	0.41	0.43
	f Hz	3.6	3.4	3.2	2.6	2.6	2.7	2.5	2.1	2.2	2.1	1.9	1.9

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