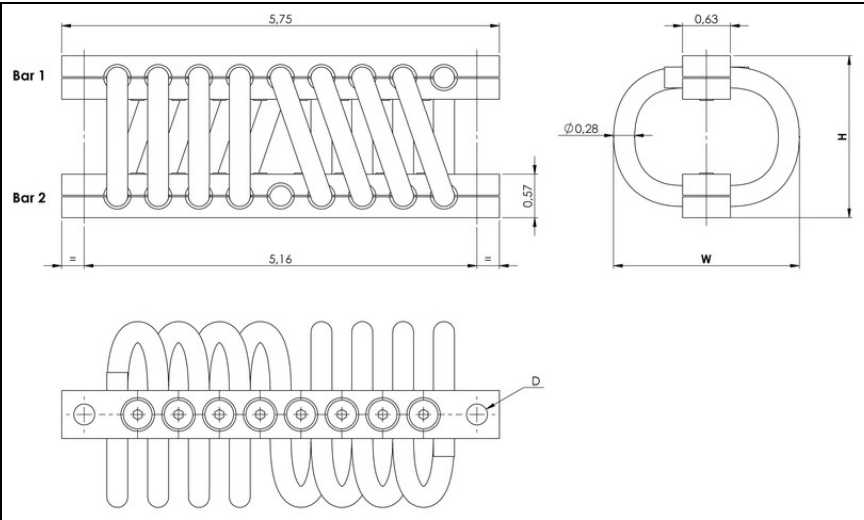


WIRE ROPE ISOLATORS: 'HELICAL'

DEFINITION
series FH32



- 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)
FH32
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)
-16	1.9	2.2	0.82
-32	2.1	2.5	0.88
-34	2.3	2.8	0.95
-36	2.5	3.2	1.0
-38	2.5	3.5	1.1
-40	2.6	3.8	1.1
-44	2.6	4.0	1.1
-46	3.2	4.3	1.3
-48	3.9	5.1	1.5

INTERFACES			
fixtures holes D	Bar 1		
	ø 0.28 in through holes	ø 0.28 in through holes counter-sunk 82°	1/4 - 28 inserts
Bar 2			
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	3	2	-	1	6	0	8	C	I
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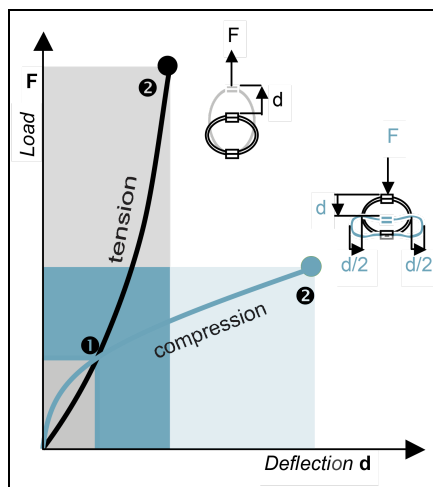
SERIE: FH32
'Helical' mount from the
FH32 series

MODEL: -16
height: 1.9in
width: 2.2in
weight: 0.82lbs

LOOPS: 08
Serie
standard is
08 loops

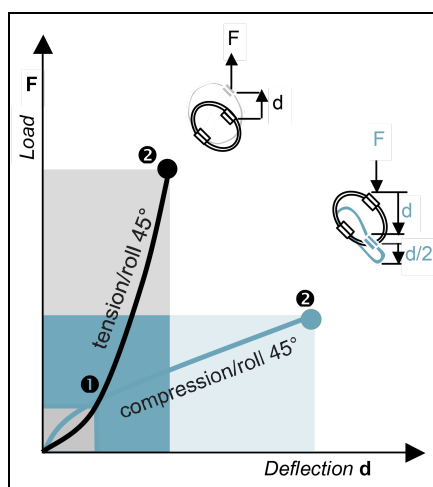
INTERFACE: CI
ø 0.28 in through
holes counter-sunk
82° in bar 1,
1/4 - 28 inserts in
bar 2





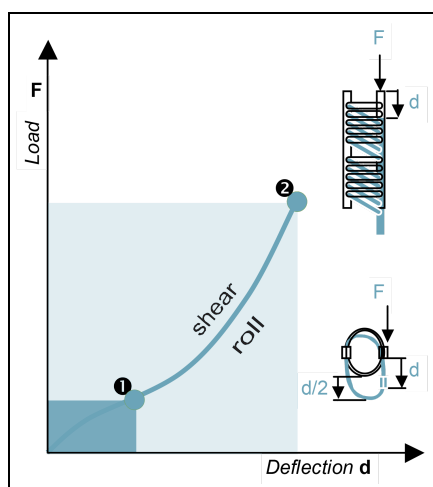
COMPRESSION AND TENSION

FH32 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F lbf	240	190	150	110	88	78	69	64	47
	d in	0.12	0.16	0.20	0.22	0.22	0.25	0.25	0.35	0.45
2.Max Shock	F lbf	730	570	440	340	260	230	210	190	140
	d in	0.67	0.89	1.1	1.2	1.2	1.3	1.3	1.9	2.4
3.Max Vibration	2a in	0.07	0.10	0.12	0.13	0.13	0.15	0.15	0.21	0.27
	f Hz	11.1	9.7	8.8	8.2	8.1	7.6	7.6	6.6	5.8
1.Max Static	F lbf	240	190	150	110	88	78	69	64	47
	d in	0.10	0.13	0.17	0.20	0.22	0.25	0.25	0.32	0.41
2.Max Shock	F lbf	2700	2000	1600	1400	1300	1100	760	790	560
	d in	0.49	0.61	0.79	1.0	1.4	1.6	1.6	1.7	2.1
3.Max Vibration	2a in	0.05	0.07	0.09	0.11	0.16	0.17	0.17	0.18	0.23
	f Hz	13.9	12.4	11.0	9.8	8.6	8.2	8.0	7.7	6.9



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

FH32 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F lbf	180	140	110	86	66	59	52	48	35
	d in	0.18	0.24	0.28	0.36	0.39	0.37	0.43	0.56	0.61
2.Max Shock	F lbf	480	380	300	230	180	160	150	130	94
	d in	1.0	1.3	1.6	1.8	1.8	2.0	2.0	2.8	3.7
3.Max Vibration	2a in	0.11	0.15	0.18	0.20	0.20	0.22	0.22	0.31	0.40
	f Hz	8.3	7.2	6.6	6.1	6.0	5.8	5.7	4.9	4.3
1.Max Static	F lbf	180	140	110	86	66	59	52	48	35
	d in	0.13	0.17	0.20	0.25	0.30	0.33	0.30	0.41	0.49
2.Max Shock	F lbf	1300	1000	830	700	660	580	400	400	280
	d in	0.56	0.70	0.90	1.2	1.7	1.8	1.8	1.9	2.4
3.Max Vibration	2a in	0.06	0.08	0.10	0.13	0.18	0.20	0.20	0.21	0.26
	f Hz	11.2	10.1	8.9	7.9	7.0	6.7	6.5	6.3	5.6



SHEAR OR ROLL

FH32 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F lbf	120	96	74	57	44	39	35	32	23
	d in	0.16	0.19	0.24	0.27	0.27	0.36	0.34	0.48	0.67
2.Max Shock	F lbf	760	560	440	360	330	280	220	190	130
	d in	0.69	0.88	1.1	1.3	1.6	1.8	1.8	2.1	2.7
3.Max Vibration	2a in	0.08	0.10	0.12	0.15	0.18	0.20	0.20	0.24	0.30
	f Hz	4.0	3.5	3.2	2.8	2.4	2.4	2.5	2.3	2.0

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

