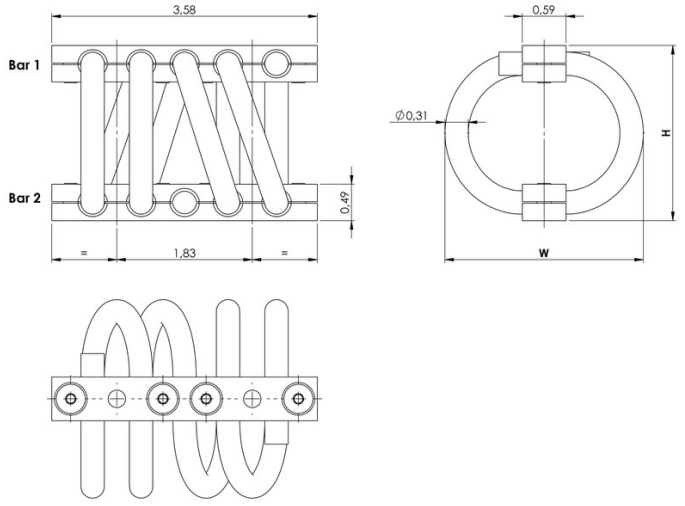
WIRE ROPE ISOLATOR



- 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 (-290°F 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)

HH36

Cable:
stainless steel
galvanized available: HHG

Retainer bars:
aluminium alloy/
SurTec

Screws:
alloy steel/zinc plate

Inserts:
stainless steel

All stainless steel: HHSS

Other materials on request

MODEL

	height H (in)	width W (in)	weight (lbs)
-16	1.8	2.3	0.46
-32	2.0	2.6	0.51
-34	2.2	2.9	0.55
-36	2.4	3.2	0.60
-38	2.4	3.6	0.64
-40	2.5	3.8	0.66
-44	2.5	4.0	0.68
-46	3.1	4.3	0.77
-48	3.7	5.1	0.88

INTERFACES

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

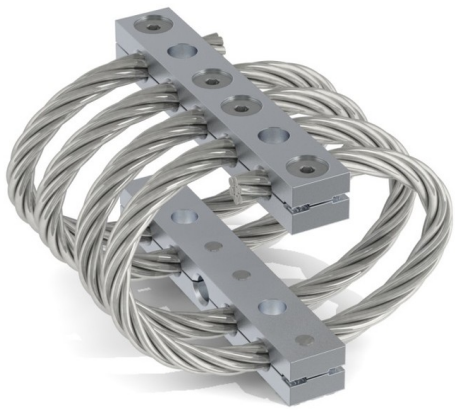
H	H	3	6	-	1	6	0	4	C	I

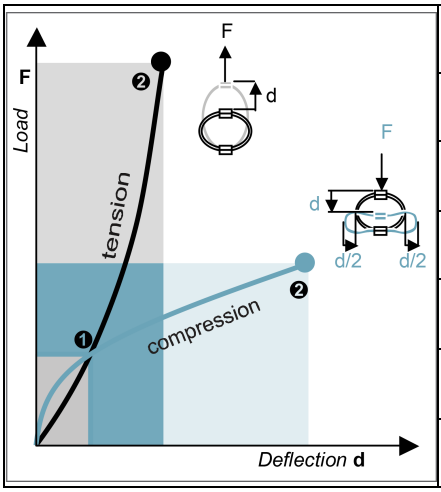
SERIE: HH36
'Half-Helical' mount from the HH36 series

MODEL: -16
height: 1.8in
width: 2.3in
weight: 0.46lbs

LOOPS: 04
Serie standard is 04 loops

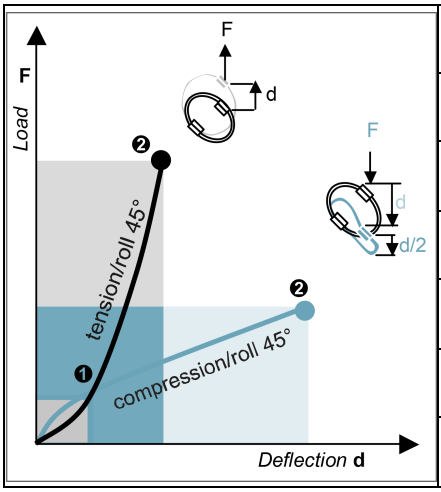
INTERFACE: CI
ø 0.28 in through holes countersunk 82° in bar 1,
1/4 - 28 inserts in bar 2





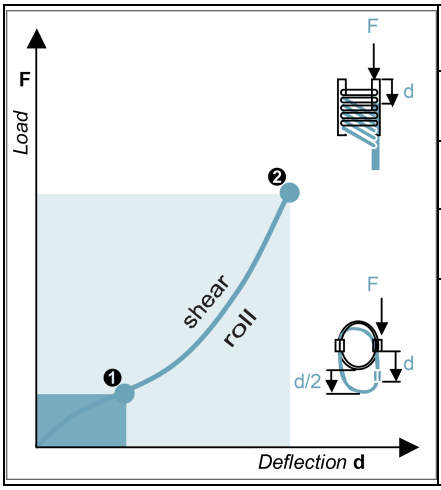
COMPRESSION AND TENSION

HH36 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F lbf	200	160	120	94	72	64	57	52	39
	d in	0.13	0.17	0.20	0.23	0.23	0.26	0.26	0.35	0.46
2.Max Shock	F lbf	600	470	360	280	220	190	170	160	120
	d in	0.71	0.92	1.1	1.2	1.2	1.4	1.4	1.9	2.5
3.Max Vibration	2a in	0.08	0.10	0.12	0.14	0.14	0.15	0.15	0.21	0.27
	f Hz	10.8	9.5	8.6	8.1	8.0	7.6	7.5	6.5	5.7
1.Max Static	F lbf	200	160	120	94	72	64	57	52	39
	d in	0.11	0.14	0.18	0.21	0.23	0.26	0.26	0.33	0.41
2.Max Shock	F lbf	2300	1700	1400	1200	1100	960	600	650	460
	d in	0.55	0.67	0.85	1.1	1.5	1.7	1.6	1.8	2.1
3.Max Vibration	2a in	0.06	0.07	0.09	0.12	0.17	0.18	0.18	0.19	0.23
	f Hz	13.3	11.9	10.6	9.5	8.4	8.0	7.9	7.6	6.9



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH36 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F lbf	150	120	91	70	54	48	42	39	29
	d in	0.18	0.24	0.28	0.37	0.40	0.45	0.43	0.56	0.62
2.Max Shock	F lbf	400	310	240	190	150	130	120	110	79
	d in	1.1	1.4	1.6	1.9	1.9	2.1	2.1	2.9	3.7
3.Max Vibration	2a in	0.12	0.15	0.18	0.20	0.20	0.23	0.23	0.32	0.41
	f Hz	8.1	7.1	6.5	6.0	5.9	5.6	5.6	4.8	4.3
1.Max Static	F lbf	150	120	91	70	54	48	42	39	29
	d in	0.14	0.17	0.22	0.27	0.27	0.35	0.37	0.37	0.49
2.Max Shock	F lbf	1100	860	690	580	560	490	320	330	230
	d in	0.63	0.76	0.98	1.3	1.8	1.9	1.8	2.0	2.4
3.Max Vibration	2a in	0.07	0.08	0.11	0.14	0.19	0.21	0.20	0.22	0.26
	f Hz	10.8	9.6	8.6	7.7	6.8	6.6	6.5	6.1	5.5



SHEAR OR ROLL

HH36 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1.Max Static	F lbf	100	78	61	47	36	32	28	26	19
	d in	0.17	0.20	0.25	0.33	0.34	0.37	0.34	0.50	0.67
2.Max Shock	F lbf	630	460	360	290	270	230	180	160	110
	d in	0.75	0.94	1.2	1.4	1.7	1.9	1.8	2.2	2.7
3.Max Vibration	2a in	0.08	0.10	0.13	0.16	0.19	0.21	0.20	0.24	0.30
	f Hz	3.8	3.4	3.1	2.8	2.4	2.3	2.4	2.2	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