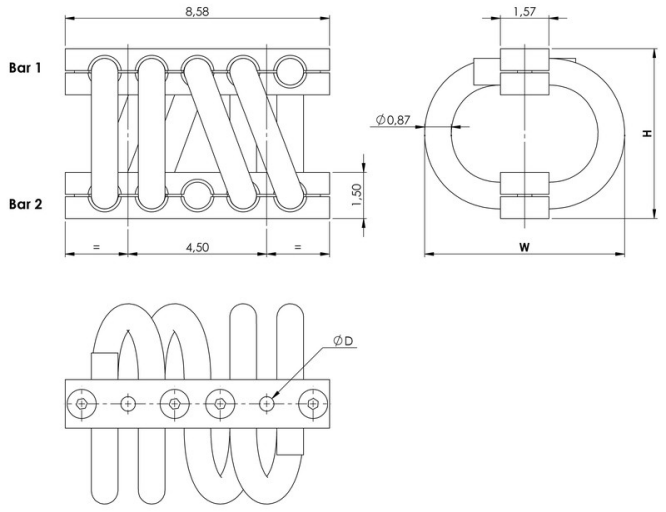
WIRE ROPE ISOLATOR

DEFINITION
series HH68



- 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)

HH68

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)
-24	5.2	5.5	9.1
-28	6.0	6.5	10
-32	6.3	7.0	11
-34	6.9	7.7	12
-36	7.5	8.3	13
-44	8.5	9.3	14

INTERFACES

fixtures holes D	Bar 1		
Bar 2	ø 0.53 in through holes	ø 0.53 in through holes countersunk 82°	1/2 - 13 inserts
ø 0.53 in through holes	T2	not standard	not standard
ø 0.53 in through holes countersunk 82°	TC	C2	not standard
1/2 - 13 inserts	TI	CI	I2

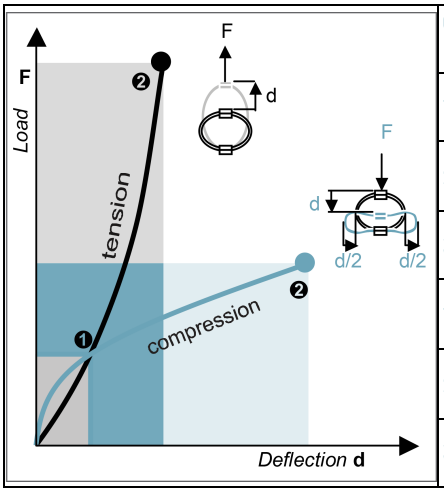
H	H	6	8	-	2	4	0	4	C	I

SERIE: HH68
'Half-Helical' mount from the HH68 series

MODEL: -24
height: 5.2in
width: 5.5in
weight: 9.1lbs

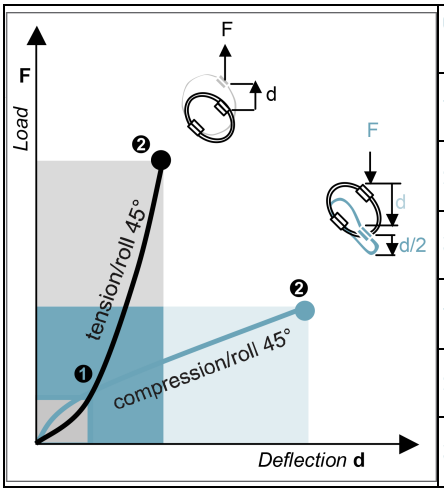
LOOPS: 04
Serie standard is 04 loops

INTERFACE: CI
ø 0.53 in through holes countersunk 82° in bar 1,
1/2 - 13 inserts in bar 2



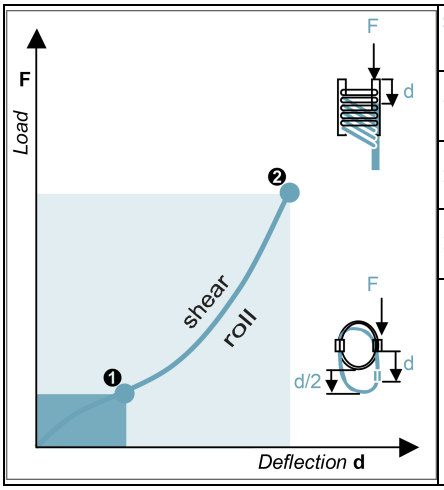
COMPRESSION AND TENSION

HH68 Series	Model	-24	-28	-32	-34	-36	-44
1.Max Static	F lbf	1800	1300	1100	940	800	640
	d in	0.33	0.47	0.54	0.64	0.73	0.88
2.Max Shock	F lbf	5500	3900	3400	2800	2400	1900
	d in	2.0	2.7	2.9	3.5	4.0	5.0
3.Max Vibration	2a in	0.22	0.30	0.32	0.39	0.44	0.55
	f Hz	6.6	5.7	5.4	4.9	4.6	4.2
1.Max Static	F lbf	1800	1300	1100	940	800	640
	d in	0.22	0.32	0.38	0.44	0.50	0.60
2.Max Shock	F lbf	15000	12000	11000	8700	7400	5700
	d in	0.83	1.3	1.5	1.8	2.0	2.4
3.Max Vibration	2a in	0.09	0.14	0.17	0.20	0.22	0.26
	f Hz	10.2	8.3	7.6	7.0	6.6	6.1



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH68 Series	Model	-24	-28	-32	-34	-36	-44
1.Max Static	F lbf	1400	980	840	700	600	480
	d in	0.44	0.55	0.71	0.86	1.00	1.0
2.Max Shock	F lbf	3400	2500	2200	1800	1600	1200
	d in	3.0	4.0	4.4	5.3	6.1	7.4
3.Max Vibration	2a in	0.33	0.44	0.49	0.58	0.67	0.82
	f Hz	5.0	4.3	4.0	3.7	3.4	3.2
1.Max Static	F lbf	1400	980	840	700	600	480
	d in	0.27	0.39	0.44	0.58	0.64	0.73
2.Max Shock	F lbf	7600	5700	5200	4300	3600	2800
	d in	0.95	1.4	1.8	2.1	2.3	2.7
3.Max Vibration	2a in	0.10	0.16	0.19	0.23	0.25	0.30
	f Hz	8.2	6.7	6.1	5.7	5.4	4.9



SHEAR OR ROLL

HH68 Series	Model	-24	-28	-32	-34	-36	-44
1.Max Static	F lbf	910	650	560	470	400	320
	d in	0.46	0.66	0.71	0.91	1.0	1.3
2.Max Shock	F lbf	4200	3100	2800	2200	1900	1400
	d in	1.6	2.2	2.6	3.0	3.5	4.2
3.Max Vibration	2a in	0.18	0.25	0.28	0.34	0.38	0.46
	f Hz	2.8	2.4	2.2	2.0	1.9	1.8

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