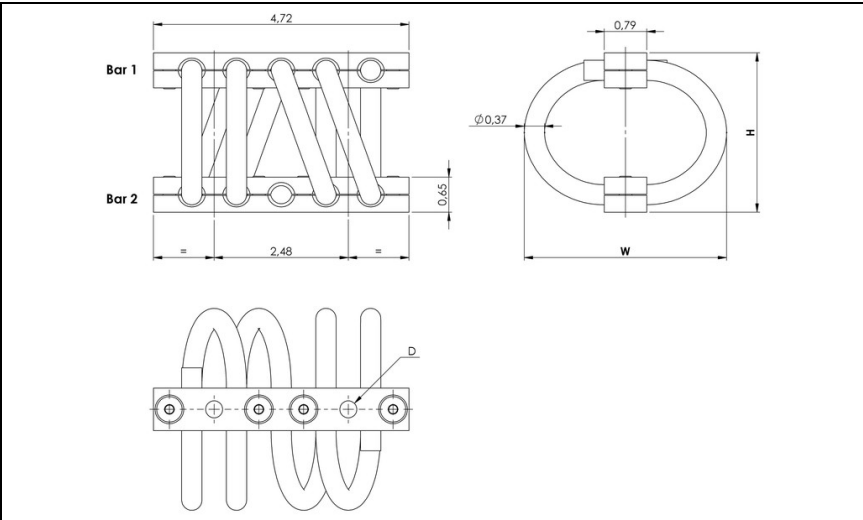


WIRE ROPE ISOLATOR

DEFINITION
series HH44



- 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)
HH44
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)
-20	2.7	3.1	0.99
-24	2.8	3.3	1.0
-32	2.9	3.5	1.1
-36	3.0	4.1	1.1
-38	3.5	4.3	1.2
-44	4.1	4.8	1.4
-46	4.3	5.5	1.5
-48	4.9	5.6	1.5
-50	5.3	6.0	1.7
-52	6.1	7.1	1.9
-54	6.5	7.3	2.0

INTERFACES	Bar 1		
fixtures holes D	Ø 0.35 in through holes	Ø 0.35 in through holes countersunk 82°	5/16 - 24 inserts
Bar 2			
Ø 0.35 in through holes	T2	not standard	not standard
Ø 0.35 in through holes countersunk 82°	TC	C2	not standard
5/16 - 24 inserts	TI	CI	I2

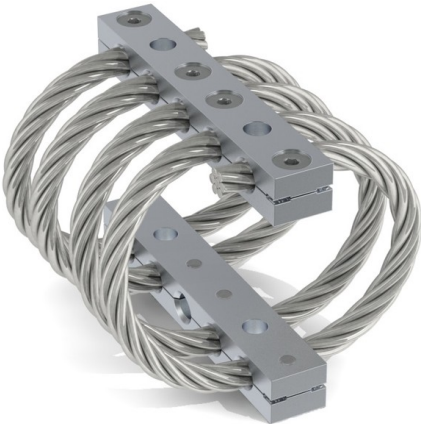
H	H	4	4	-	2	0	0	4	C	I
---	---	---	---	---	---	---	---	---	---	---

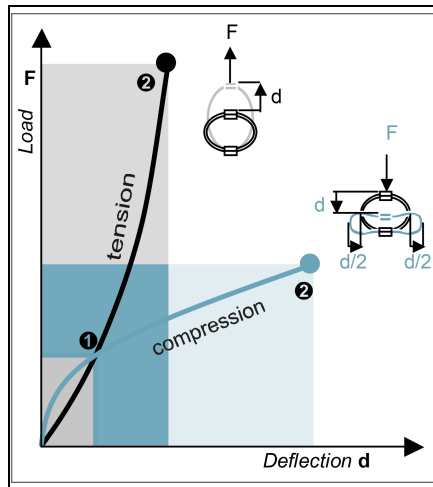
SERIE: HH44
'Half-Helical' mount from
the HH44 series

MODEL: -20
height: 2.7in
width: 3.1in
weight: 0.99lbs

LOOPS: 04
Serie
standard is
04 loops

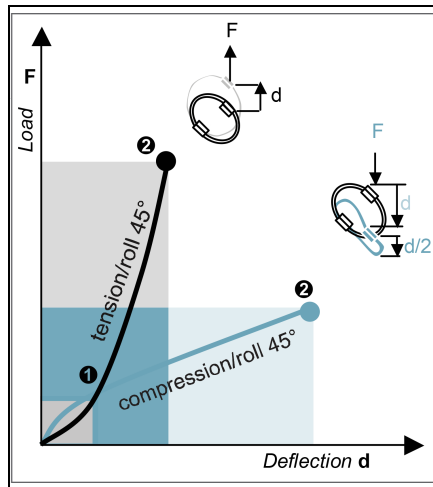
INTERFACE: CI
Ø 0.35 in through
holes countersunk
82° in bar 1,
5/16 - 24 inserts in
bar 2





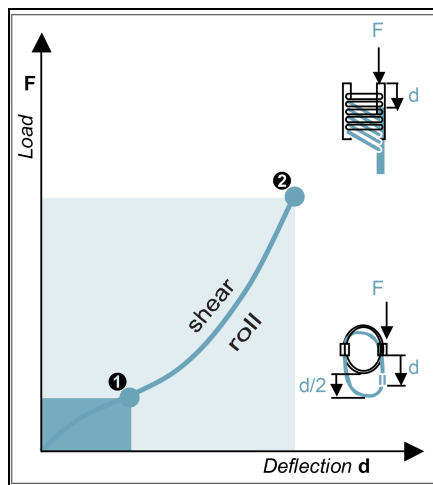
COMPRESSION AND TENSION

HH44 Series	Model	-20	-24	-32	-36	-38	-44	-46	-48	-50	-52	-54
1.Max Static	F lbf	220	200	170	120	110	92	67	66	58	43	40
	d in	0.23	0.25	0.27	0.29	0.37	0.47	0.49	0.59	0.66	0.80	0.85
2.Max Shock	F lbf	650	590	500	360	340	280	200	200	180	130	120
	d in	1.2	1.3	1.5	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	0.17	0.22	0.28	0.29	0.35	0.39	0.48	0.52
	f Hz	8.2	7.9	7.6	7.2	6.5	5.8	5.6	5.1	4.9	4.4	4.3
1.Max Static	F lbf	220	200	170	120	110	92	67	66	58	43	40
	d in	0.17	0.18	0.21	0.27	0.28	0.33	0.42	0.42	0.46	0.57	0.59
2.Max Shock	F lbf	2100	1900	1700	1500	1200	870	760	630	550	410	370
	d in	0.70	0.77	0.92	1.4	1.2	1.4	2.0	1.7	1.9	2.4	2.4
3.Max Vibration	2a in	0.08	0.09	0.10	0.15	0.14	0.15	0.22	0.19	0.21	0.26	0.26
	f Hz	11.4	10.8	10.0	8.5	8.6	8.1	6.9	7.2	6.9	6.1	6.1



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH44 Series	Model	-20	-24	-32	-36	-38	-44	-46	-48	-50	-52	-54
1.Max Static	F lbf	160	150	130	89	86	69	51	50	44	32	30
	d in	0.29	0.31	0.40	0.46	0.45	0.61	0.69	0.77	0.87	1.0	1.2
2.Max Shock	F lbf	420	380	330	240	230	180	130	130	110	83	78
	d in	1.9	2.0	2.2	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	0.26	0.33	0.42	0.44	0.53	0.59	0.71	0.78
	f Hz	6.2	6.0	5.6	5.4	4.9	4.3	4.2	3.8	3.6	3.3	3.2
1.Max Static	F lbf	160	150	130	89	86	69	51	50	44	32	30
	d in	0.21	0.23	0.25	0.34	0.34	0.39	0.52	0.50	0.60	0.70	0.75
2.Max Shock	F lbf	1000	950	850	740	580	430	380	310	270	200	180
	d in	0.80	0.88	1.0	1.6	1.4	1.5	2.3	2.0	2.1	2.7	2.7
3.Max Vibration	2a in	0.09	0.10	0.12	0.17	0.16	0.17	0.25	0.22	0.24	0.30	0.30
	f Hz	9.2	8.8	8.1	6.9	7.0	6.5	5.6	5.8	5.6	5.0	5.0



SHEAR OR ROLL

HH44 Series	Model	-20	-24	-32	-36	-38	-44	-46	-48	-50	-52	-54
1.Max Static	F lbf	110	98	84	60	57	46	34	33	29	21	20
	d in	0.28	0.31	0.36	0.36	0.47	0.65	0.65	0.82	0.98	1.1	1.2
2.Max Shock	F lbf	550	500	450	370	290	210	190	150	130	97	87
	d in	1.1	1.2	1.4	1.8	1.9	2.2	2.8	2.8	3.1	3.9	4.0
3.Max Vibration	2a in	0.12	0.13	0.15	0.19	0.21	0.25	0.30	0.31	0.34	0.43	0.44
	f Hz	3.3	3.1	2.9	2.4	2.5	2.4	2.0	2.1	2.0	1.8	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