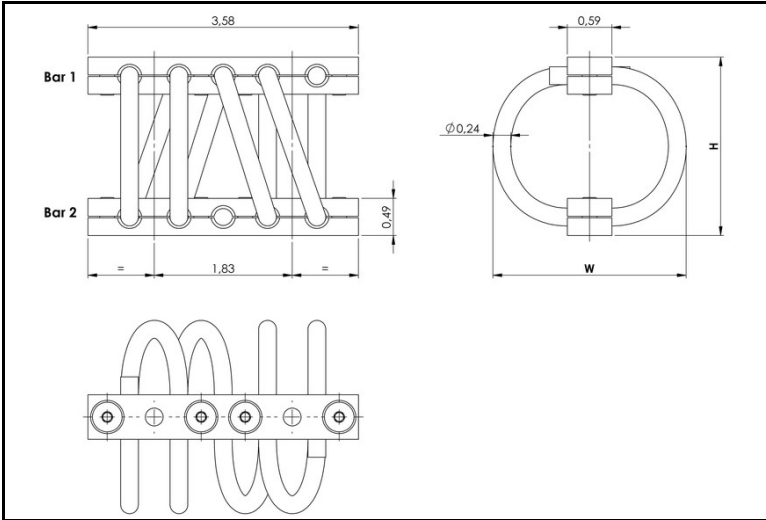


WIRE ROPE ISOLATOR

DEFINITION
series HH8



- 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)
HH8 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)
-10	1,8	2,1	0,35
-20	2,0	2,4	0,37
-25	2,2	2,7	0,40
-30	2,4	3,1	0,44
-35	2,4	3,4	0,46
-38	2,5	3,7	0,46
-40	2,5	3,9	0,49
-50	3,1	4,2	0,53
-60	3,7	5,0	0,62

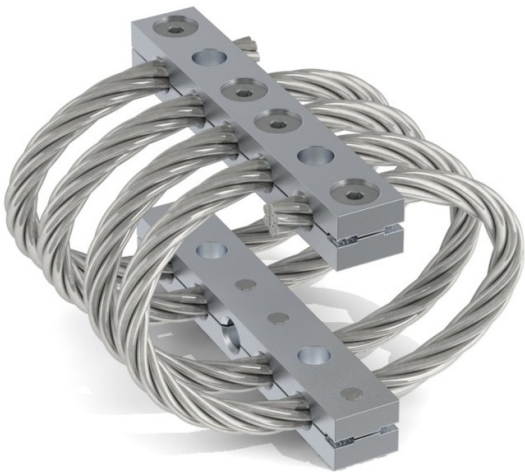
INTERFACES	Bar 1		
fixtures holes D	ø 0.28 in through holes	ø 0.28 in through holes countersunk 82°	1/4 - 28 inserts
Bar 2			
ø 0.28 in through holes	T2	not standard	not standard
ø 0.28 in through holes countersunk 82°	TC	C2	not standard
1/4 - 28 inserts	TI	CI	I2

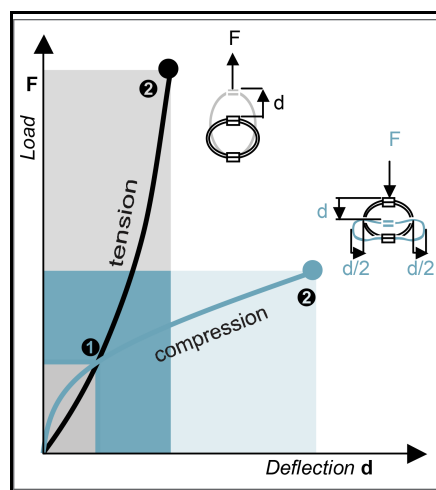
H	H	8	-	1	0	C	I
---	---	---	---	---	---	---	---

SERIE: HH8
'Half-Helical' mount from the HH8 series

MODEL: -10
height: 1,8in
width: 2,1in
weight: 0,35lbs
loops: serie standard is 04 loops

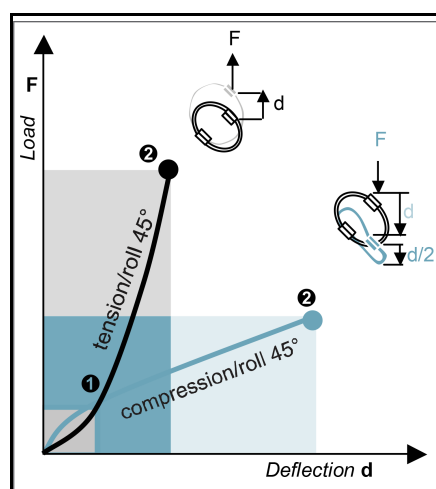
INTERFACE: CI
ø 0.28 in through holes countersunk 82° in bar 1,
1/4 - 28 inserts in bar 2





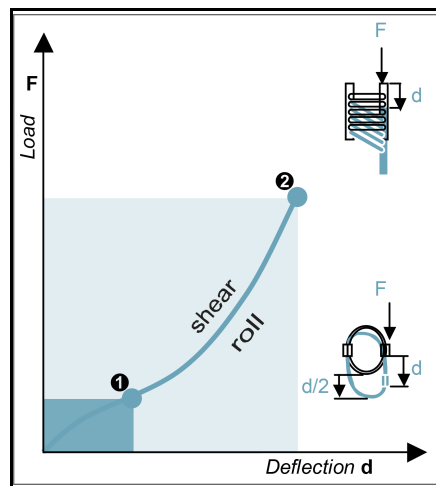
COMPRESSION AND TENSION

HH8 Series	Model	-10	-20	-25	-30	-35	-38	-40	-50	-60
1.Max Static	F lbf	90	69	53	41	31	27	24	22	16
	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	270	210	160	120	93	82	73	66	47
	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	8,7	8,1	8,0	7,6	7,5	6,5	5,7
1.Max Static	F lbf	90	69	53	41	31	27	24	22	16
	d in	0,11	0,13	0,17	0,21	0,23	0,26	0,26	0,32	0,41
2.Max Shock	F lbf	950	720	570	480	450	390	280	270	190
	d in	0,48	0,60	0,78	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	0,18	0,18	0,23
	f Hz	14,0	12,5	11,0	9,8	8,6	8,2	8,0	7,7	6,9



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH8 Series	Model	-10	-20	-25	-30	-35	-38	-40	-50	-60
1.Max Static	F lbf	67	52	40	30	23	21	18	17	12
	d in	0,19	0,25	0,29	0,31	0,34	0,38	0,44	0,57	0,62
2.Max Shock	F lbf	180	140	110	82	65	57	51	45	32
	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	6,1	6,0	5,7	5,6	4,8	4,3
1.Max Static	F lbf	67	52	40	30	23	21	18	17	12
	d in	0,13	0,16	0,19	0,24	0,29	0,32	0,31	0,40	0,49
2.Max Shock	F lbf	470	360	290	240	230	200	150	140	95
	d in	0,55	0,68	0,89	1,2	1,6	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	11,4	10,1	8,9	7,9	7,0	6,7	6,5	6,2	5,5



SHEAR OR ROLL

HH8 Series	Model	-10	-20	-25	-30	-35	-38	-40	-50	-60
1.Max Static	F lbf	45	35	27	20	16	14	12	11	7,9
	d in	0,17	0,21	0,27	0,30	0,32	0,34	0,34	0,47	0,67
2.Max Shock	F lbf	260	190	150	120	110	96	79	66	45
	d in	0,70	0,89	1,1	1,4	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	3,6	3,2	2,8	2,5	2,4	2,4	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

