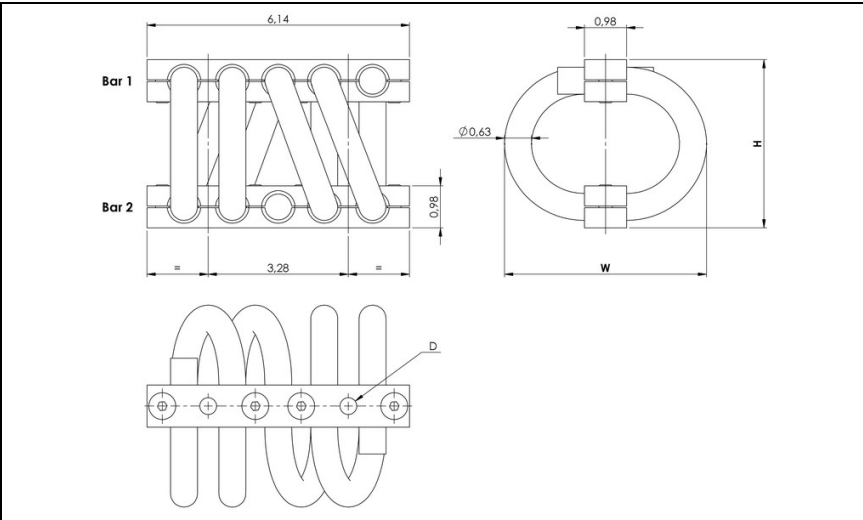


WIRE ROPE ISOLATOR

DEFINITION
series HH60



- 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)
HH60
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	3.4	4.0	3.1
-24	3.7	4.4	3.3
-28	3.9	4.7	3.5
-32	4.2	5.3	3.8
-36	4.6	6.0	4.2
-44	4.9	6.5	4.5
-46	5.3	7.0	5.1
-48	5.7	7.3	5.1

INTERFACES	Bar 1		
fixtures holes D	ø 0.43 in through holes	ø 0.43 in through holes countersunk 82°	3/8 - 24 inserts
Bar 2			
ø 0.43 in through holes	T2	not standard	not standard
ø 0.43 in through holes countersunk 82°	TC	C2	not standard
3/8 - 24 inserts	TI	CI	I2

H	H	6	0	-	2	0	0	4	C	I
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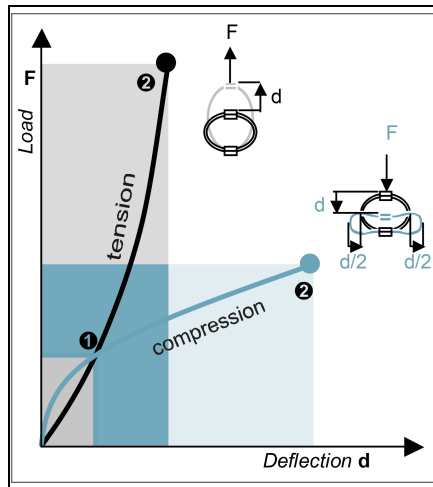
SERIE: HH60
'Half-Helical' mount from
the HH60 series

MODEL: -20
height: 3.4in
width: 4.0in
weight: 3.1lbs

LOOPS: 04
Serie
standard is
04 loops

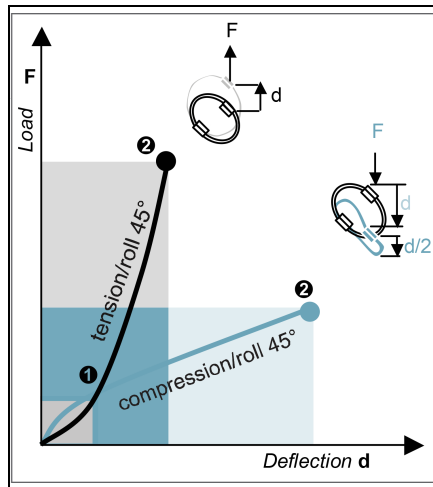
INTERFACE: CI
ø 0.43 in through
holes countersunk
82° in bar 1,
3/8 - 24 inserts in
bar 2





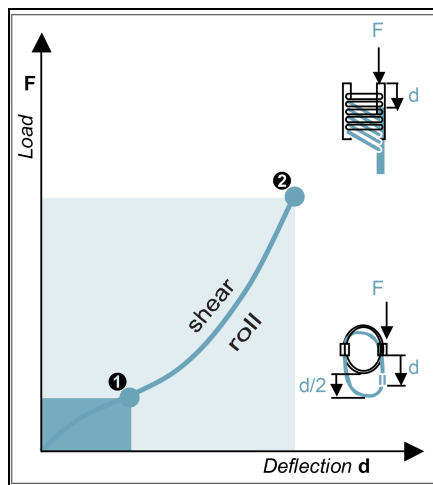
COMPRESSION AND TENSION

HH60 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48
1.Max Static	F lbf	930	770	650	510	400	330	290	270
	d in	0.24	0.29	0.31	0.37	0.44	0.49	0.56	0.63
2.Max Shock	F lbf	2800	2300	2000	1500	1200	1000	870	820
	d in	1.3	1.6	1.7	2.0	2.4	2.7	3.0	3.4
3.Max Vibration	2a in	0.14	0.17	0.19	0.22	0.26	0.29	0.33	0.37
	f Hz	8.0	7.3	7.0	6.4	5.8	5.5	5.2	4.9
1.Max Static	F lbf	930	770	650	510	400	330	290	270
	d in	0.19	0.23	0.26	0.33	0.40	0.45	0.51	0.54
2.Max Shock	F lbf	9700	8100	7200	5800	4700	4100	3500	3100
	d in	0.84	1.0	1.2	1.6	2.0	2.3	2.6	2.6
3.Max Vibration	2a in	0.09	0.11	0.14	0.18	0.22	0.26	0.29	0.28
	f Hz	10.5	9.4	8.7	7.8	7.0	6.5	6.2	6.1



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH60 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48
1.Max Static	F lbf	700	570	490	380	300	250	220	200
	d in	0.36	0.42	0.45	0.52	0.71	0.79	0.90	0.88
2.Max Shock	F lbf	1800	1500	1300	1000	800	680	590	550
	d in	2.0	2.3	2.6	3.0	3.6	4.0	4.5	5.1
3.Max Vibration	2a in	0.22	0.26	0.28	0.33	0.39	0.44	0.50	0.56
	f Hz	5.9	5.4	5.2	4.8	4.3	4.1	3.9	3.7
1.Max Static	F lbf	700	570	490	380	300	250	220	200
	d in	0.23	0.29	0.32	0.42	0.48	0.57	0.62	0.67
2.Max Shock	F lbf	4800	4000	3600	2900	2400	2100	1800	1500
	d in	0.96	1.2	1.4	1.8	2.3	2.7	3.0	2.9
3.Max Vibration	2a in	0.11	0.13	0.16	0.20	0.25	0.29	0.33	0.32
	f Hz	8.5	7.7	7.1	6.3	5.6	5.3	5.0	4.9



SHEAR OR ROLL

HH60 Series	Model	-20	-24	-28	-32	-36	-44	-46	-48
1.Max Static	F lbf	470	380	330	250	200	170	140	140
	d in	0.31	0.38	0.38	0.48	0.60	0.69	0.75	0.85
2.Max Shock	F lbf	2700	2200	1900	1500	1200	1000	870	760
	d in	1.3	1.5	1.7	2.2	2.6	3.0	3.4	3.5
3.Max Vibration	2a in	0.14	0.17	0.19	0.24	0.29	0.33	0.37	0.39
	f Hz	3.0	2.7	2.5	2.2	2.0	1.9	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