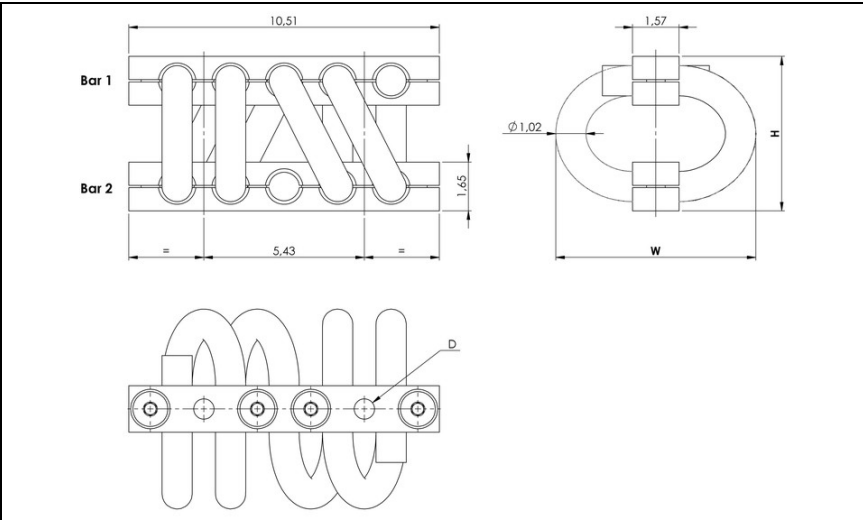


WIRE ROPE ISOLATOR

DEFINITION
series HH72



- 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)
HH72
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	5.2	6.8	14
-24	5.8	7.4	15
-28	6.4	8.1	16
-32	7.2	8.9	18
-36	8.0	9.8	20
-44	9.0	10.9	22
-46	10.1	12.1	24

INTERFACES			
fixtures holes D	Bar 1		
	ø 0.69 in through holes	ø 0.69 in through holes countersunk 82°	5/8 - 11 inserts
Bar 2			
ø 0.69 in through holes	T2	not standard	not standard
ø 0.69 in through holes countersunk 82°	TC	C2	not standard
5/8 - 11 inserts	T1	C1	I2

H	H	7	2	-	2	0	0	4	C	I
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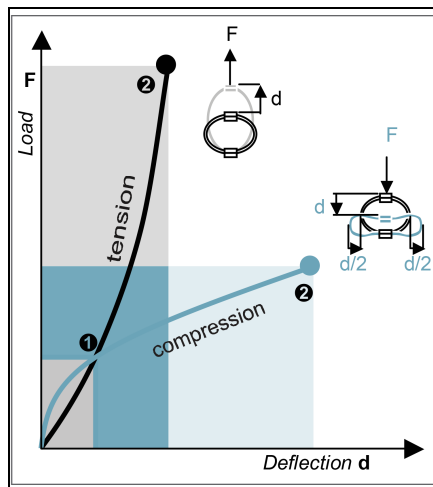
SERIE: HH72
'Half-Helical' mount from the HH72 series

MODEL: -20
height: 5.2in
width: 6.8in
weight: 14lbs

LOOPS: 04
Serie standard is 04 loops

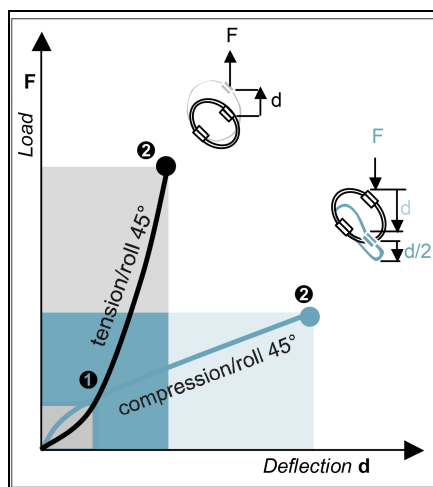
INTERFACE: C1
ø 0.69 in through holes countersunk 82° in bar 1, 5/8 - 11 inserts in bar 2





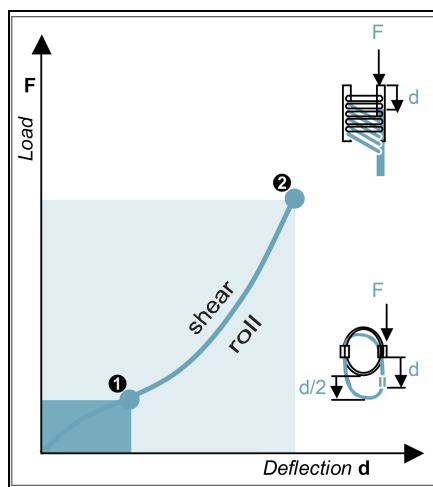
COMPRESSION AND TENSION

HH72 Series	Model	-20	-24	-28	-32	-36	-44	-46
1.Max Static	F lbf	2000	1800	1500	1200	1000	840	680
	d in	0.32	0.41	0.52	0.64	0.78	0.94	1.1
2.Max Shock	F lbf	6100	5300	4400	3700	3100	2500	2000
	d in	1.7	2.2	2.8	3.5	4.2	5.1	6.1
3.Max Vibration	2a in	0.19	0.25	0.31	0.38	0.46	0.56	0.67
	f Hz	6.8	6.0	5.4	4.9	4.4	4.0	3.7
1.Max Static	F lbf	2000	1800	1500	1200	1000	840	680
	d in	0.32	0.39	0.47	0.55	0.65	0.76	0.90
2.Max Shock	F lbf	28000	22000	18000	14000	11000	9000	7100
	d in	1.8	2.1	2.4	2.7	3.1	3.5	4.0
3.Max Vibration	2a in	0.20	0.23	0.26	0.29	0.34	0.39	0.44
	f Hz	7.5	7.0	6.4	6.0	5.6	5.2	4.8



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH72 Series	Model	-20	-24	-28	-32	-36	-44	-46
1.Max Static	F lbf	1500	1300	1100	930	770	630	510
	d in	0.49	0.65	0.84	0.89	1.1	1.4	1.6
2.Max Shock	F lbf	4200	3600	3000	2500	2000	1700	1300
	d in	2.6	3.3	4.2	5.2	6.3	7.7	9.1
3.Max Vibration	2a in	0.29	0.37	0.46	0.57	0.70	0.84	1.0
	f Hz	5.1	4.5	4.0	3.6	3.3	3.0	2.8
1.Max Static	F lbf	1500	1300	1100	930	770	630	510
	d in	0.35	0.44	0.56	0.70	0.78	0.99	1.1
2.Max Shock	F lbf	14000	11000	8900	7100	5600	4500	3600
	d in	2.1	2.4	2.7	3.1	3.5	4.0	4.6
3.Max Vibration	2a in	0.23	0.26	0.30	0.34	0.39	0.44	0.51
	f Hz	6.1	5.6	5.2	4.9	4.5	4.2	3.9



SHEAR OR ROLL

HH72 Series	Model	-20	-24	-28	-32	-36	-44	-46
1.Max Static	F lbf	1000	880	740	620	510	420	340
	d in	0.38	0.49	0.63	0.80	1.0	1.3	1.5
2.Max Shock	F lbf	8000	6100	4700	3700	2900	2200	1800
	d in	2.2	2.6	3.1	3.6	4.3	5.1	5.9
3.Max Vibration	2a in	0.24	0.29	0.34	0.40	0.47	0.56	0.65
	f Hz	2.1	2.0	1.8	1.7	1.6	1.5	1.4

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