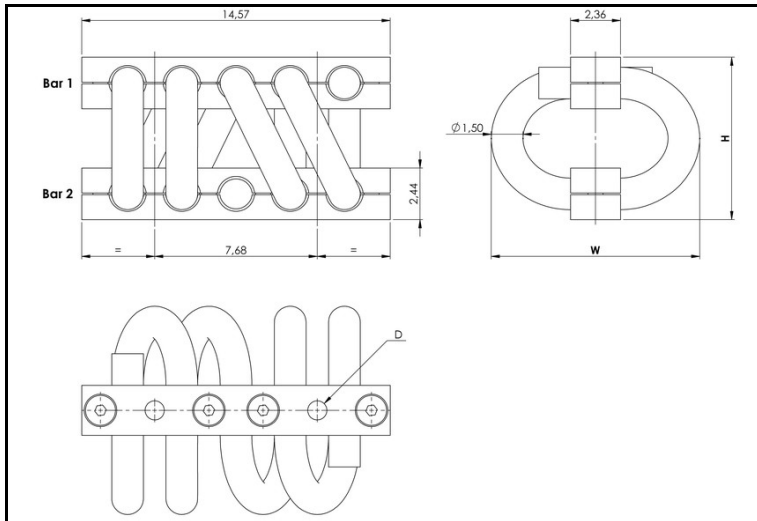


WIRE ROPE ISOLATOR

DEFINITION
series HH21



Dimensions are in inches. For reference only

- 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.)

SERIES
Materials and finishes (meets RoHS requirements)
HH21
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	7,7	9,8	42
-12	9,1	11,0	47
-15	10,2	12,6	53

INTERFACES			
fixtures holes D	Bar 1		
	Ø 0.80 in through holes	Ø 0.80 in through holes countersunk 82°	3/4 - 10 inserts
Bar 2			
Ø 0.80 in through holes	T2	not standard	not standard
Ø 0.80 in through holes countersunk 82°	TC	C2	not standard
3/4 - 10 inserts	TI	CI	I2

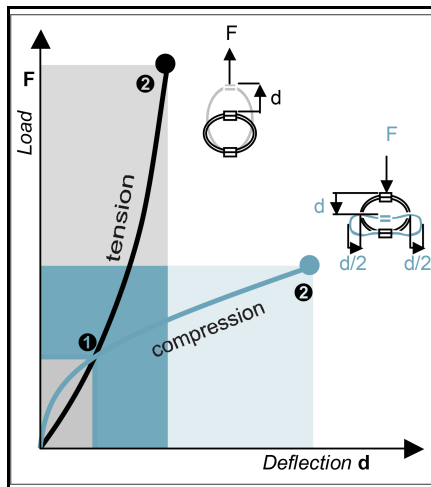
H	H	2	1	-	1	0	C	I
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SERIE: HH21
'Half-Helical' mount from the HH21 series

MODEL: -10
height: 7,7in
width: 9,8in
weight: 42lbs
loops: serie
standard is 04 loops

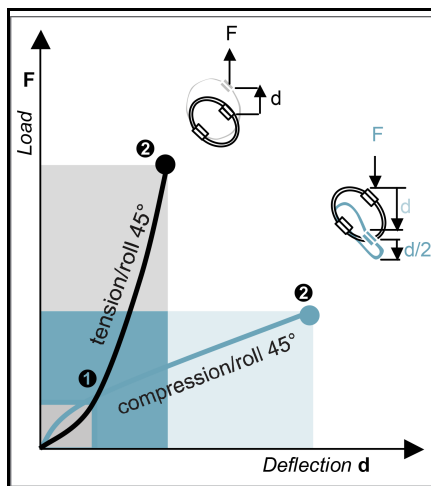
INTERFACE: CI
Ø 0.80 in through holes countersunk 82° in bar 1,
3/4 - 10 inserts in bar 2





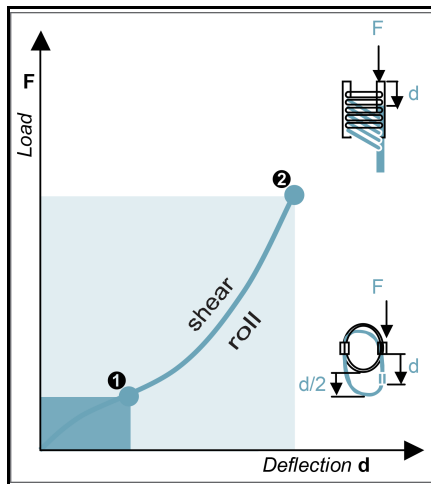
COMPRESSION AND TENSION

HH21 Series	Model	-10	-12	-15
1.Max Static	F lbf	4300	3600	2700
	d in	0,49	0,72	0,92
2.Max Shock	F lbf	13000	11000	8000
	d in	2,7	3,9	5,0
3.Max Vibration	2a in	0,29	0,43	0,55
	f Hz	5,5	4,6	4,1
1.Max Static	F lbf	4300	3600	2700
	d in	0,46	0,59	0,76
2.Max Shock	F lbf	55000	38000	29000
	d in	2,4	2,8	3,5
3.Max Vibration	2a in	0,27	0,30	0,39
	f Hz	6,4	5,8	5,2



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH21 Series	Model	-10	-12	-15
1.Max Static	F lbf	3300	2700	2000
	d in	0,78	1,0	1,3
2.Max Shock	F lbf	8800	7100	5300
	d in	4,0	5,8	7,4
3.Max Vibration	2a in	0,44	0,64	0,82
	f Hz	4,1	3,4	3,0
1.Max Static	F lbf	3300	2700	2000
	d in	0,52	0,69	0,89
2.Max Shock	F lbf	27000	19000	15000
	d in	2,8	3,1	4,0
3.Max Vibration	2a in	0,31	0,35	0,45
	f Hz	5,2	4,7	4,2



SHEAR OR ROLL

HH21 Series	Model	-10	-12	-15
1.Max Static	F lbf	2200	1800	1300
	d in	0,60	0,85	1,2
2.Max Shock	F lbf	16000	10000	7700
	d in	3,1	3,9	5,0
3.Max Vibration	2a in	0,34	0,43	0,55
	f Hz	1,8	1,7	1,5

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

