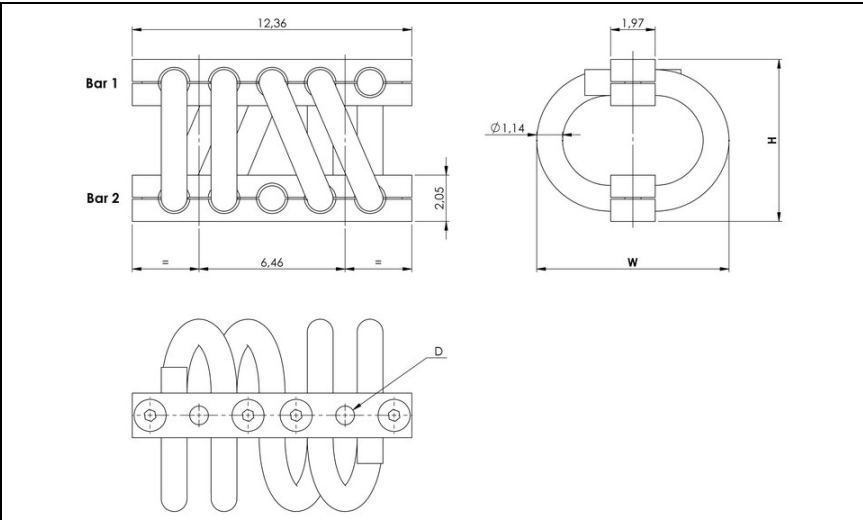


WIRE ROPE ISOLATOR

DEFINITION
series HH76



- 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)
HH76
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)
-16	7.1	8.5	24
-20	8.5	9.5	27
-24	9.3	10.3	29

INTERFACES			
fixtures holes D	Bar 1		
	ø 0.79 in through holes	ø 0.79 in through holes countersunk 82°	3/4 - 10 inserts
Bar 2			
ø 0.79 in through holes	T2	not standard	not standard
ø 0.79 in through holes countersunk 82°	TC	C2	not standard
3/4 - 10 inserts	TI	CI	I2

H	H	7	6	-	1	6	0	4	C	I
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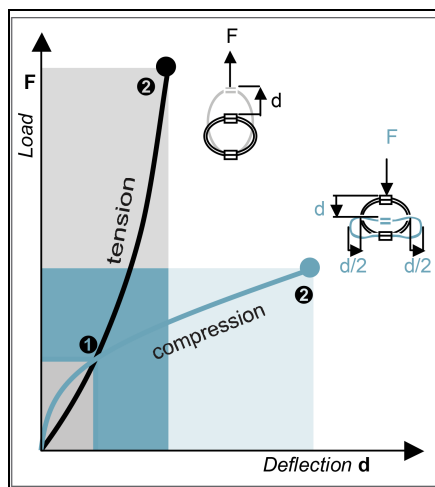
SERIE: HH76
'Half-Helical' mount from
the HH76 series

MODEL: -16
height: 7.1in
width: 8.5in
weight: 24lbs

LOOPS: 04
Serie
standard is
04 loops

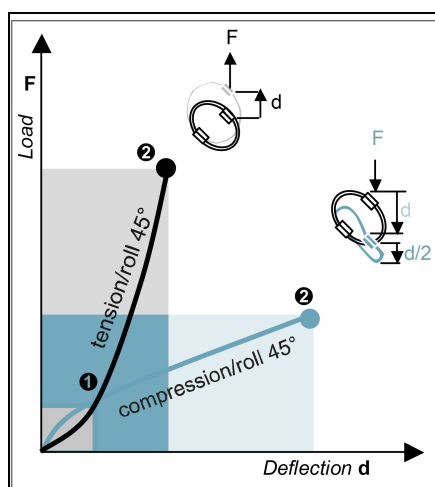
INTERFACE: CI
ø 0.79 in through
holes countersunk
82° in bar 1,
3/4 - 10 inserts in
bar 2





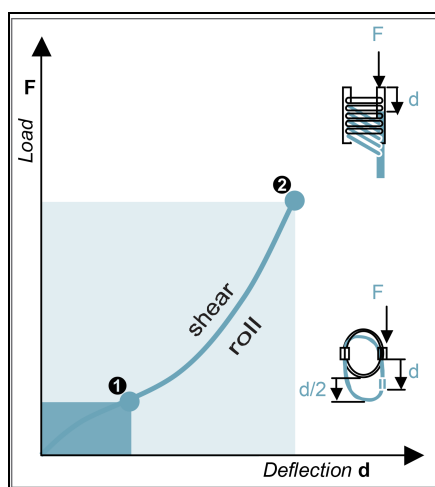
COMPRESSION AND TENSION

HH76 Series	Model	-16	-20	-24
1.Max Static	F lbf	2400	1900	1700
	d in	0.50	0.73	0.86
2.Max Shock	F lbf	7100	5800	5000
	d in	2.7	4.0	4.6
3.Max Vibration	2a in	0.30	0.44	0.51
	f Hz	5.5	4.6	4.3
1.Max Static	F lbf	2400	1900	1700
	d in	0.44	0.54	0.62
2.Max Shock	F lbf	27000	19000	16000
	d in	2.1	2.3	2.6
3.Max Vibration	2a in	0.23	0.25	0.29
	f Hz	6.8	6.3	5.9



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

HH76 Series	Model	-16	-20	-24
1.Max Static	F lbf	1800	1400	1200
	d in	0.69	0.93	1.1
2.Max Shock	F lbf	4700	3800	3200
	d in	4.0	6.0	7.0
3.Max Vibration	2a in	0.44	0.65	0.77
	f Hz	4.1	3.5	3.2
1.Max Static	F lbf	1800	1400	1200
	d in	0.56	0.68	0.76
2.Max Shock	F lbf	14000	9400	7900
	d in	2.4	2.6	3.0
3.Max Vibration	2a in	0.27	0.29	0.33
	f Hz	5.5	5.1	4.8



SHEAR OR ROLL

HH76 Series	Model	-16	-20	-24
1.Max Static	F lbf	1200	970	830
	d in	0.59	0.92	1.2
2.Max Shock	F lbf	7600	5000	4100
	d in	2.9	3.6	4.2
3.Max Vibration	2a in	0.32	0.40	0.46
	f Hz	1.9	1.8	1.7

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