

- 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)
HH80
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	7.2	8.3	26
-20	8.5	9.9	31
-24	9.3	11	33

INTERFACES			
fixtures holes D	Bar 1		
	∅ 0.79 in through holes	∅ 0.79 in through holes countersunk 82°	3/4 - 10 inserts
Bar 2			
∅ 0.79 in through holes	T2	not standard	not standard
∅ 0.79 in through holes countersunk 82°	TC	C2	not standard
3/4 - 10 inserts	T1	C1	I2

H H 8 0 - 1 6 0 4 C I

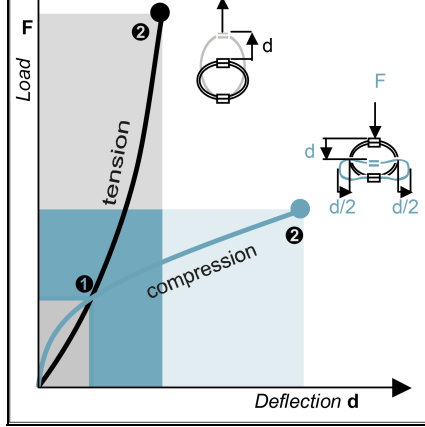
SERIE: HH80
'Half-Helical' mount from the HH80 series

MODEL: -16
height: 7.2in
width: 8.3in
weight: 26lbs

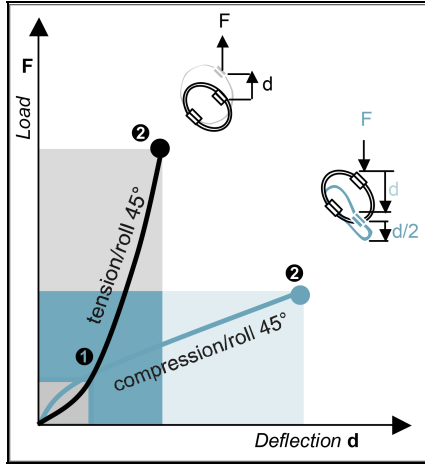
LOOPS: 04
Serie standard is 04 loops

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

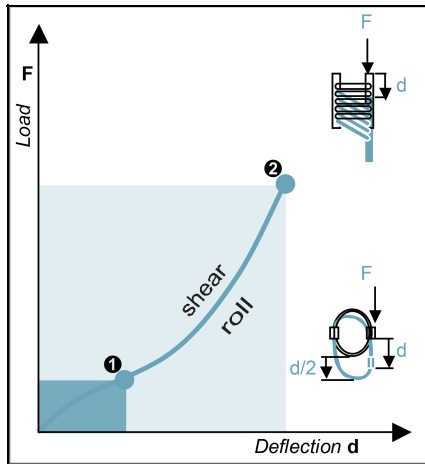




HH80 Series	Model	-16	-20	-24
1. Max Static	F lbf	2700	2100	1800
	d in	0.50	0.71	0.84
2. Max Shock	F lbf	8200	6300	5400
	d in	2.7	3.8	4.6
3. Max Vibration	2a in	0.30	0.42	0.50
	f Hz	4.7	3.9	3.5
1. Max Static	F lbf	2700	2100	1800
	d in	0.43	0.56	0.65
2. Max Shock	F lbf	31000	22000	18000
	d in	2.1	2.5	2.9
3. Max Vibration	2a in	0.23	0.28	0.31
	f Hz	6.1	5.4	5.0



COMPRESSION/ROLL 45° - TENSION/ROLL 45°				
HH80 Series	Model	-16	-20	-24
1. Max Static	F lbf	2100	1600	1300
	d in	0.70	1.00	1.2
2. Max Shock	F lbf	5100	3900	3300
	d in	4.0	5.7	6.9
3. Max Vibration	2a in	0.44	0.63	0.75
	f Hz	4.0	3.3	3.0
1. Max Static	F lbf	2100	1600	1300
	d in	0.66	0.87	1.0
2. Max Shock	F lbf	15000	11000	8800
	d in	2.4	2.9	3.3
3. Max Vibration	2a in	0.26	0.32	0.36
	f Hz	5.6	4.9	4.6



SHEAR OR ROLL				
HH80 Series	Model	-16	-20	-24
1. Max Static	F lbf	1400	1100	890
	d in	0.94	1.3	1.6
2. Max Shock	F lbf	8600	5700	4600
	d in	2.8	3.7	4.3
3. Max Vibration	2a in	0.31	0.41	0.48
	f Hz	4.7	4.0	3.7

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