

- 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 / -290F to 570 F
- Great adaptability/versatility

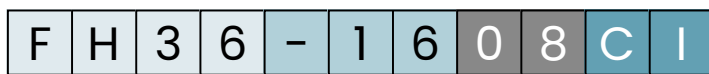
Specials on request  
(material size and number of loops, etc.)

Dimensions are in inches. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
<b>FH36</b>
<b>Cable:</b> stainless steel galvanized available: CB
<b>Retainer bars:</b> aluminium alloy/ SurTec
<b>Screws:</b> alloy steel/ zinc plate
<b>Inserts:</b> stainless steel
All stainless steel: CBSS
Other materials on request

MODEL	height H (in)	width W (in)	weight (lbs)
-16	1.9	2.3	0.97
-32	2.1	2.6	1.1
-34	2.3	2.9	1.2
-36	2.5	3.3	1.3
-38	2.5	3.6	1.3
-40	2.6	3.9	1.4
-44	2.6	4.1	1.4
-46	3.2	4.4	1.6
-48	3.9	5.1	1.8

INTERFACES			
fixtures holes D	Bar 1		
		∅ 0.28 in through holes	∅ 0.28 in through holes counter-sunk 82°
Bar 2			
∅ 0.28 in through holes	T2	not standard	not standard
∅ 0.28 in through holes counter-sunk 82°	TC	C2	not standard
1/4 - 28 inserts	T1	C1	I2



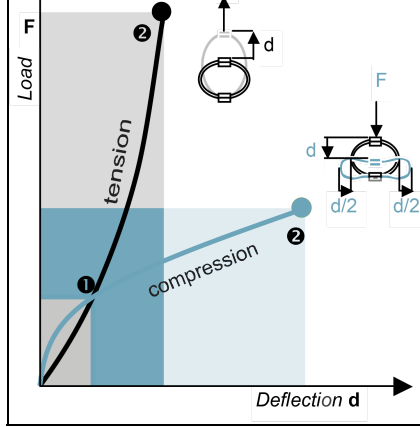
SERIE: FH36  
'Helical' mount from the FH36 series

MODEL: -16  
height: 1.9in  
width: 2.3in  
weight: 0.97lbs

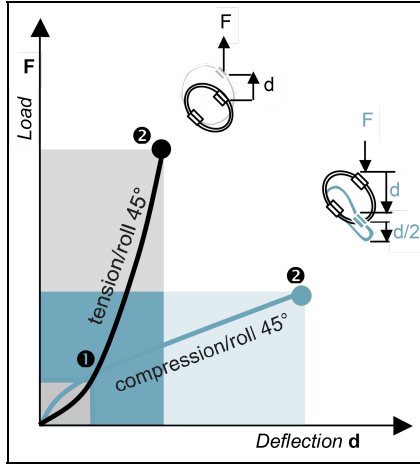
LOOPS: 08  
Serie standard is 08 loops

INTERFACE: CI  
∅ 0.28 in through holes counter-sunk 82° in bar 1, 1/4 - 28 inserts in bar 2

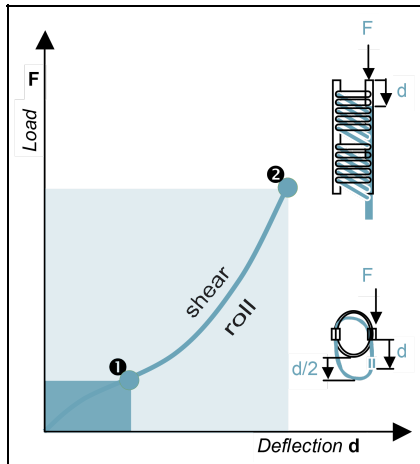




FH36 Series	Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1. Max Static	F lbf	390	310	240	190	140	130	110	100	76
	d in	0.12	0.16	0.20	0.22	0.22	0.25	0.25	0.35	0.45
2. Max Shock	F lbf	1200	930	720	560	430	380	340	310	230
	d in	0.67	0.89	1.1	1.2	1.2	1.3	1.3	1.9	2.4
3. Max Vibration	2a in	0.07	0.10	0.12	0.13	0.13	0.15	0.15	0.21	0.27
	f Hz	9.4	8.1	7.5	7.2	7.4	7.0	7.0	5.8	5.0
1. Max Static	F lbf	390	310	240	190	140	130	110	100	76
	d in	0.10	0.13	0.17	0.20	0.22	0.25	0.25	0.32	0.41
2. Max Shock	F lbf	4400	3300	2700	2300	2100	1900	1200	1300	910
	d in	0.50	0.62	0.80	1.1	1.5	1.6	1.6	1.7	2.1
3. Max Vibration	2a in	0.05	0.07	0.09	0.12	0.16	0.18	0.17	0.19	0.23
	f Hz	12.4	11.0	9.8	8.8	8.0	7.6	7.5	7.0	6.3



FH36 Series		Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1. Max Static	F lbf	290	230	180	140	110	95	84	78	57	
	d in	0.19	0.25	0.31	0.36	0.39	0.44	0.45	0.57	0.73	
2. Max Shock	F lbf	780	620	480	380	300	260	240	210	150	
	d in	1.0	1.3	1.6	1.8	1.8	2.0	2.0	2.8	3.7	
3. Max Vibration	2a in	0.11	0.15	0.18	0.20	0.20	0.22	0.22	0.31	0.40	
	f Hz	7.9	6.8	6.3	6.0	6.2	5.8	5.9	4.8	4.2	
1. Max Static	F lbf	290	230	180	140	110	95	84	78	57	
	d in	0.14	0.18	0.22	0.27	0.31	0.34	0.36	0.42	0.53	
2. Max Shock	F lbf	2200	1700	1300	1100	1100	950	650	650	460	
	d in	0.57	0.70	0.91	1.2	1.7	1.8	1.8	1.9	2.4	
3. Max Vibration	2a in	0.06	0.08	0.10	0.13	0.18	0.20	0.20	0.21	0.26	
	f Hz	11.1	9.8	8.8	7.9	7.2	6.8	6.8	6.3	5.6	



FH36 Series		Model	-16	-32	-34	-36	-38	-40	-44	-46	-48
1. Max Static	F lbf	200	150	120	93	72	63	56	52	38	
	d in	0.16	0.22	0.27	0.31	0.33	0.37	0.38	0.51	0.68	
2. Max Shock	F lbf	1200	890	700	570	520	450	360	310	210	
	d in	0.69	0.88	1.1	1.4	1.6	1.8	1.8	2.1	2.7	
3. Max Vibration	2a in	0.08	0.10	0.12	0.15	0.18	0.20	0.20	0.24	0.30	
	f Hz	9.1	8.0	7.2	6.6	6.3	6.0	5.9	5.3	4.7	

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