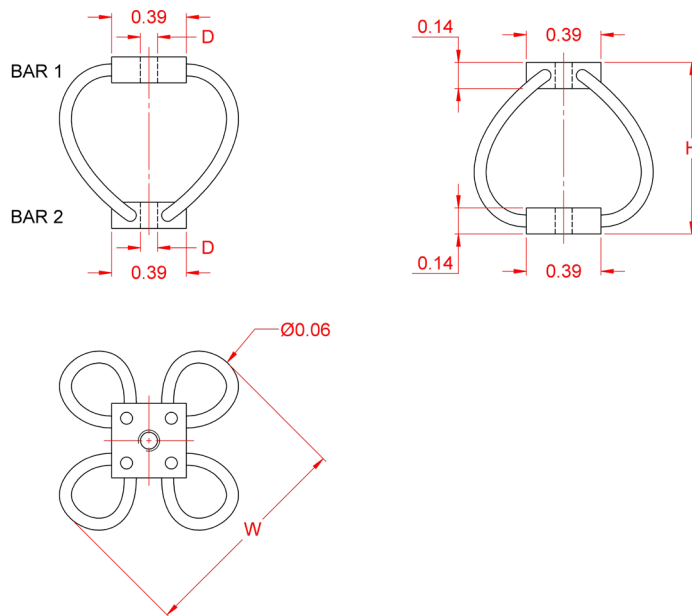




- All metal multidirectional anti-vibration/shock mounts
- Exceptional reliability and long life
- High damping
- No aging
- Corrosion resistant
- Superior temperature range: -356°F to +572°F
- Great adaptability/versatility
- Custom materials and sizes available

Dimensions are in inches. reference only

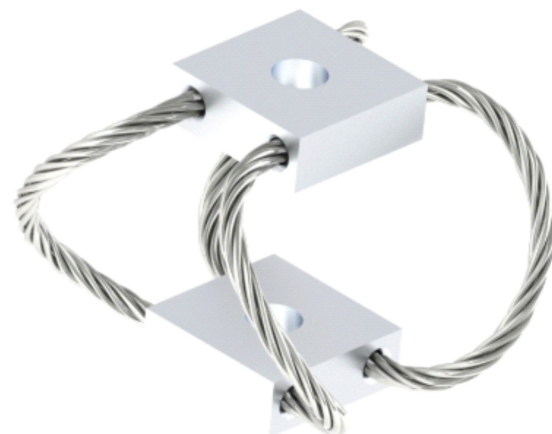
SERIES
Materials and finishes (meets RoHS requirements)
MP04
Cable: stainless steel
Bars: aluminum alloy/surtec 650
Other materials on request

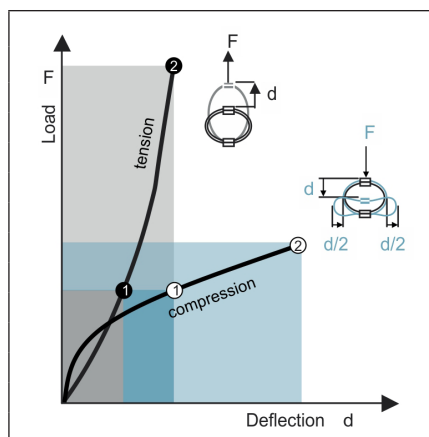
MODEL	height H (in)	width W (in)	weight (oz)
-44	0.63	1.10	0.14
-46	0.75	1.18	0.14
-48	0.91	1.34	0.18
-52	1.06	1.50	0.18
-55	1.22	1.73	0.18

INTERFACE			
fixture holes D	Bar 1		
	through hole Ø0.13 in.	through hole Ø0.13 in. countersunk 82°	threaded hole 4-40
Bar 2			
through hole Ø0.13 in.	T2	not standard	not standard
through hole Ø0.13 in. countersunk 82°	TC	C2	not standard
threaded hole 4-40	TI	CI	I2

Other interfaces on request

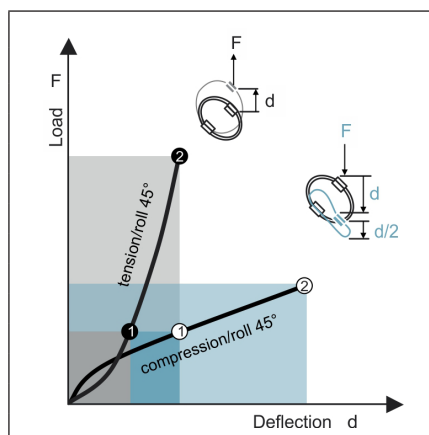
MP04	-	44	CI
SERIES: MP04 Polycal mount from the MP04 series		MODEL: -44 height: 0.63 in. width: 1.10 in. weight: 0.14 oz.	INTERFACE: CI through hole Ø0.13 in. countersunk 82° in bar 1, threaded hole 4-40 in bar 2





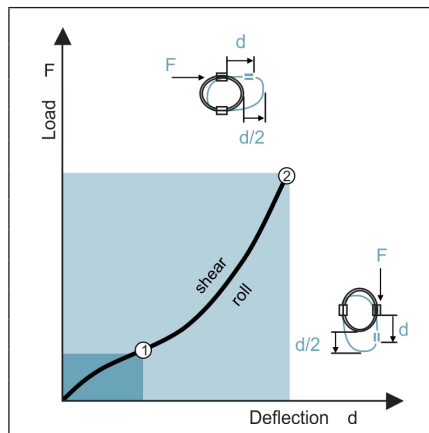
COMPRESSION AND TENSION

MP04 Series	Model	-44	-46	-48	-52	-55
1. Max Static	F lbf	2.20	1.87	1.42	0.92	0.61
	d in	0.04	0.06	0.09	0.10	0.11
2. Max Shock	F lbf	6.74	5.62	4.27	2.70	1.82
	d in	0.28	0.38	0.52	0.67	0.85
3. Max Vibration	2a in	0.03	0.04	0.06	0.07	0.09
	f Hz	16.00	13.00	11.00	10.00	9.00
1. Max Static	F lbf	2.20	1.87	1.42	0.92	0.61
	d in	0.03	0.04	0.07	0.07	0.08
2. Max Shock	F lbf	33.72	20.46	11.69	7.19	5.40
	d in	0.28	0.28	0.34	0.41	0.55
3. Max Vibration	2a in	0.03	0.03	0.04	0.05	0.06
	f Hz	16.00	16.00	14.00	13.00	11.00



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP04 Series	Model	-44	-46	-48	-52	-55
1. Max Static	F lbf	1.66	1.39	1.08	0.67	0.45
	d in	0.05	0.06	0.14	0.14	0.15
2. Max Shock	F lbf	4.95	4.05	2.92	1.96	1.33
	d in	0.41	0.57	0.79	1.00	1.28
3. Max Vibration	2a in	0.05	0.06	0.09	0.11	0.14
	f Hz	13.00	11.0	9.00	8.00	7.00
1. Max Static	F lbf	1.66	1.39	1.08	0.67	0.45
	d in	0.04	0.05	0.10	0.11	0.12
2. Max Shock	F lbf	18.88	11.47	5.85	3.60	2.70
	d in	0.31	0.33	0.39	0.47	0.63
3. Max Vibration	2a in	0.04	0.04	0.04	0.05	0.07
	f Hz	15.00	14.00	13.00	12.00	10.00



SHEAR OR ROLL

MP04 Series	Model	-44	-46	-48	-52	-55
1. Max Static	F lbf	1.10	0.92	0.72	0.45	0.29
	d in	0.09	0.09	0.12	0.12	0.14
2. Max Shock	F lbf	6.07	4.72	3.82	2.70	1.78
	d in	0.35	0.39	0.51	0.62	0.76
3. Max Vibration	2a in	0.04	0.04	0.06	0.07	0.08
	f Hz	14.00	13.00	11.00	10.00	9.00

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
4. 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:

Ground Forces	GAM EG13A, SEFT 001, MIL-STD-810, VG 95332.
Air	AIR 7306, MIL-E-5400, MIL-C-172, MIL-STD-810.
Marine	GAM EG13C, IT25-21/96-31/15-86, MIL-S-901, STANAG 042, BV 043.73, BV 044.
Others	GAM EMB1, GAM EMBT4, DEF STAN 07-55, IEC 571, FINABEL 2C

NOTE: Isolator data subject to change without notice.

05/26/2026