



EXTREME ALL METAL MOUNTS

- Damps Wide Range Of Loads.
- Temperature Range -180C ~ 380C
 - Full Mil-Spec
 - Corrosion Resistant

Extreme Metal Mounts

GP00 Series

Bar 1

Bar 2

Dimensions: H, W, 0.38, 0.44, 0.38, 0.47, 0.64, 0.16

- All metal multidirectional vibration/shock isolators
- Exceptional reliability and lifetime
- High damping
- No aging
- Corrosion resistant
- Superior temperature range: -290°F to +570°F
- Great adaptability/versatility

Custom materials, sizes, and number of loops available

Dimensions are in inches. For reference only.

Example:

G P 0 0 - 4 4

Prefix

-44	0.66	0.73	1.7
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Series
materials and finishes (RoHS compliant)
Cable: stainless steel
Interfaces: aluminum alloy
Other materials by request

Model	height H (in)	width W (in)	weight (ozf)
-44	0.66	0.73	1.7
-46	0.75	0.79	1.7
-48	0.90	0.91	1.9
-50	1.04	1.03	1.9

Interfaces	Bar 1		
	fixture holes D (2 per bar) Add 'M' for metric	0.13 in through holes	0.13 in through holes countersunk 82°
Bar 2			
0.13 in through holes	T2	not standard	not standard
0.13 in through holes countersunk 82°	TC	C2	not standard
4 - 40 inserts	T1	C1	I2



GP00 Series	Compression and Tension					
	Model	-44	-46	-48	-50	
① Max Static	Compression	F lbf	0.60	0.54	0.38	0.29
		d in	0.07	0.08	0.10	0.13
		2a in	0.03	0.04	0.06	0.07
② Max Shock	Compression	F lbf	1.8	1.6	1.1	0.86
		d in	0.31	0.38	0.52	0.63
		f Hz	14	12	10	9.4
③ Max Vibration	Compression	F lbf	0.60	0.54	0.38	0.29
		d in	0.05	0.06	0.07	0.09
		f Hz	18	17	15	13
④ Max Static	Tension	F lbf	6.8	5.5	3.8	2.9
		d in	0.24	0.25	0.31	0.40
		f Hz	18	17	15	13
⑤ Max Shock	Tension	F lbf	6.8	5.5	3.8	2.9
		d in	0.24	0.25	0.31	0.40
		f Hz	18	17	15	13
⑥ Max Vibration	Tension	F lbf	6.8	5.5	3.8	2.9
		d in	0.24	0.25	0.31	0.40
		f Hz	18	17	15	13

GP00 Series	Compression/Roll 45° and Tension/Roll 45°					
	Model	-44	-46	-48	-50	
① Max Static	Comp/Roll 45°	F lbf	0.45	0.40	0.29	0.21
		d in	0.10	0.12	0.18	0.22
		2a in	0.05	0.06	0.09	0.10
② Max Shock	Comp/Roll 45°	F lbf	1.1	1.0	0.70	0.53
		d in	0.47	0.57	0.79	0.95
		f Hz	12	10	8.4	7.8
③ Max Vibration	Comp/Roll 45°	F lbf	0.45	0.40	0.29	0.21
		d in	0.08	0.09	0.11	0.14
		f Hz	16	16	14	12
④ Max Static	Tension/Roll 45°	F lbf	3.3	2.7	1.8	1.4
		d in	0.28	0.28	0.36	0.46
		f Hz	16	16	14	12
⑤ Max Shock	Tension/Roll 45°	F lbf	3.3	2.7	1.8	1.4
		d in	0.28	0.28	0.36	0.46
		f Hz	16	16	14	12
⑥ Max Vibration	Tension/Roll 45°	F lbf	3.3	2.7	1.8	1.4
		d in	0.28	0.28	0.36	0.46
		f Hz	16	16	14	12

GP00 Series	Shear or Roll					
	Model	-44	-46	-48	-50	
① Max Static	Shear or Roll	F lbf	0.30	0.27	0.19	0.14
		d in	0.12	0.16	0.23	0.29
		2a in	0.04	0.04	0.05	0.07
② Max Shock	Shear or Roll	F lbf	1.7	1.3	0.89	0.68
		d in	0.33	0.37	0.49	0.60
		f Hz	14	13	11	10
③ Max Vibration	Shear or Roll	F lbf	0.30	0.27	0.19	0.14
		d in	0.12	0.16	0.23	0.29
		f Hz	14	13	11	10

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 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:

- 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-167, MIL-S-901, STANAG 042, BV 043.73, BV 044
- Others GAM EMB1, GAM EMBT4, DEF STAN 07-55, IEC 571, FINABEL 2C