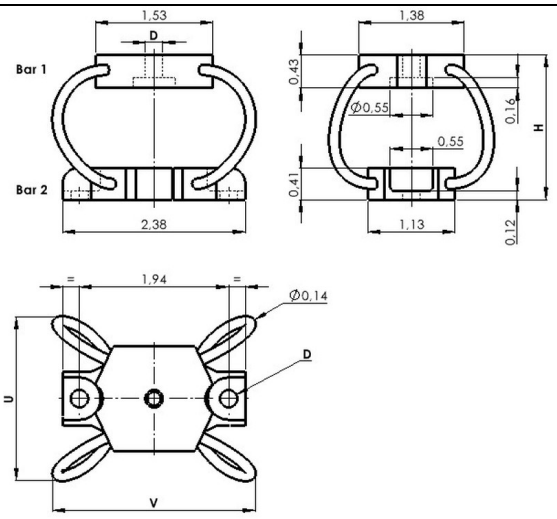
WIRE ROPE ISOLATOR: 'POLYCAL'



- 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

Dimensions are in inches. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
MP12 **Cable:** stainless steel **Retainer bars:** aluminium alloy **Inserts:** stainless steel

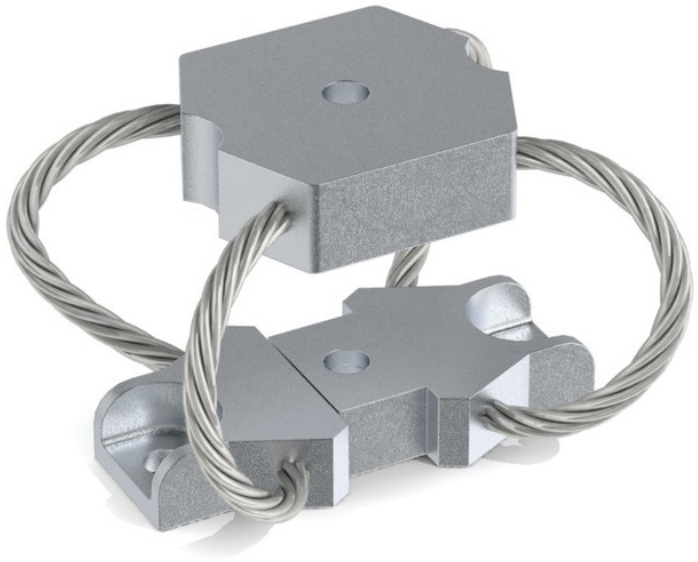
MODEL	height H (in)	width U (in)	width V (in)	weight (lbs)
-54	1.6	1.9	2.2	0.15
-56	1.9	2.1	2.5	0.15
-60	2.2	2.3	2.7	0.18
-66	2.8	2.7	3.1	0.20

INTERFACES	
fixtures holes D	Bar 1
Bar 2	
1 through hole ø 0.23 in (optional 5/16 - 18 insert)	no suffix

M	P	1	2	-	5	4

SERIE: MP12
'Polycal' mount from the MP12 series

MODEL: -54
height: 1.6in
width: 1.9in
weight: 0.15lbs



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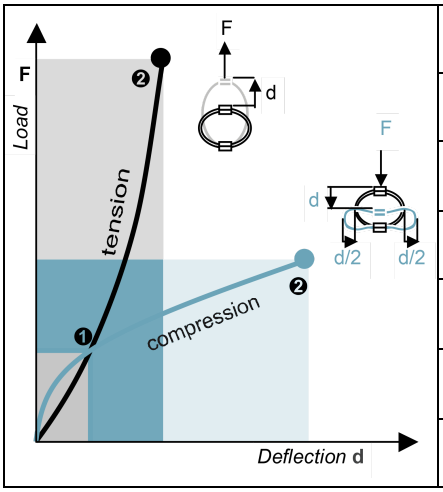
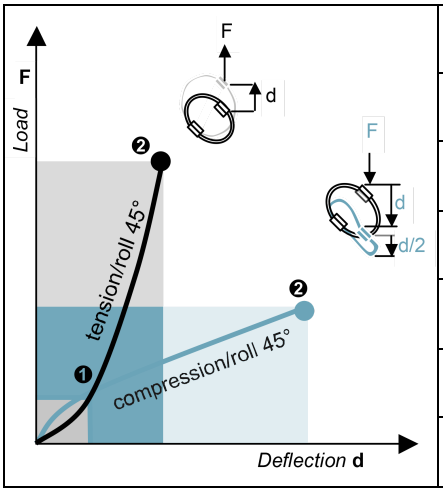


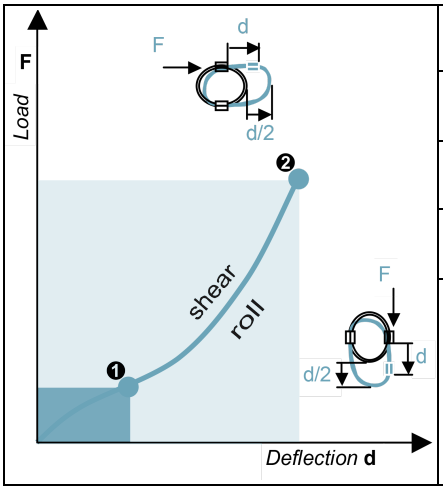
COMPRESSION AND TENSION

MP12 Series	Model	-54	-56	-60	-66
1.Max Static	F lbf	6.4	5.5	3.6	2.3
	d in	0.11	0.17	0.23	0.33
2.Max Shock	F lbf	19	16	11	7.0
	d in	0.60	0.96	1.2	1.8
3.Max Vibration	2a in	0.07	0.11	0.14	0.20
	f Hz	11.6	9.5	8.2	6.9
1.Max Static	F lbf	6.4	5.5	3.6	2.3
	d in	0.10	0.12	0.17	0.23
2.Max Shock	F lbf	74	49	35	22
	d in	0.49	0.46	0.70	0.92
3.Max Vibration	2a in	0.05	0.05	0.08	0.10
	f Hz	14.1	13.8	11.3	9.8



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP12 Series	Model	-54	-56	-60	-66
1.Max Static	F lbf	4.8	4.1	2.7	1.8
	d in	0.15	0.19	0.29	0.44
2.Max Shock	F lbf	13	11	6.9	4.5
	d in	0.90	1.4	1.9	2.7
3.Max Vibration	2a in	0.10	0.16	0.20	0.30
	f Hz	8.7	7.2	6.2	5.1
1.Max Static	F lbf	4.8	4.1	2.7	1.8
	d in	0.11	0.14	0.21	0.29
2.Max Shock	F lbf	37	24	17	11
	d in	0.56	0.52	0.80	1.0
3.Max Vibration	2a in	0.06	0.06	0.09	0.12
	f Hz	11.3	11.2	9.2	8.0



SHEAR OR ROLL

MP12 Series	Model	-54	-56	-60	-66
1.Max Static	F lbf	3.2	2.7	1.8	1.2
	d in	0.22	0.29	0.41	0.64
2.Max Shock	F lbf	12	11	6.5	4.1
	d in	0.65	0.81	1.1	1.6
3.Max Vibration	2a in	0.07	0.09	0.12	0.17
	f Hz	9.2	8.2	6.9	5.8

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