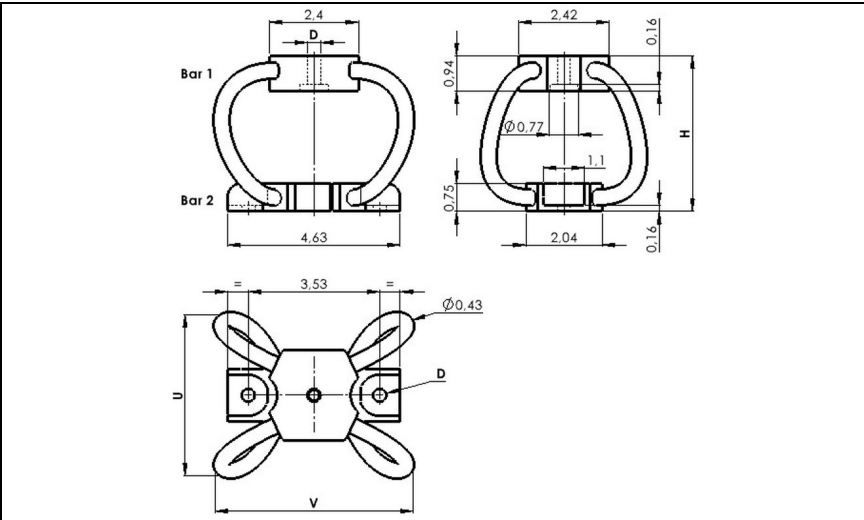


WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION
series MP48



- 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)
MP48
Cable: stainless steel
Retainer bars: aluminium alloy
Inserts: stainless steel

MODEL	height H (in)	width U (in)	width V (in)	weight (lbs)
-62	3.0	3.5	4.5	1.3
-68	3.3	3.6	4.8	1.3
-72	3.6	3.9	5.0	1.4
-74	4.2	4.3	5.3	1.5
-82	5.0	5.0	5.8	1.6

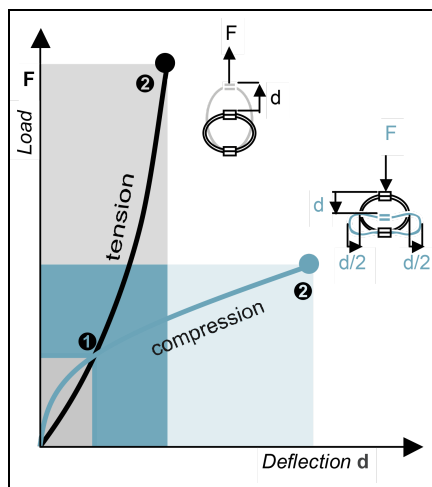
INTERFACES	
fixtures holes D	Bar 1
Bar 2	
1 through hole ø 0.35 in (optional 1/2 - 13 insert)	no suffix

M	P	4	8	-	6	2
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SERIE: MP48
'Polycal' mount from the
MP48 series

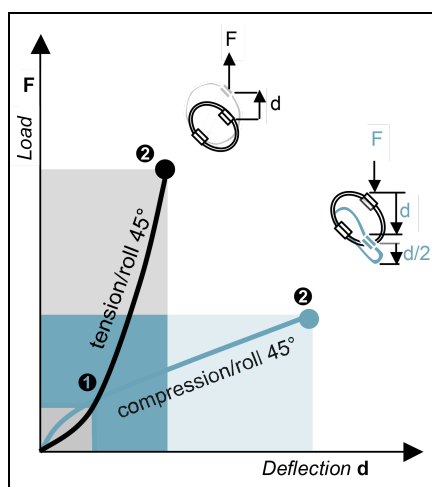
MODEL: -62
height: 3.0in
width: 3.5in
weight: 1.3lbs





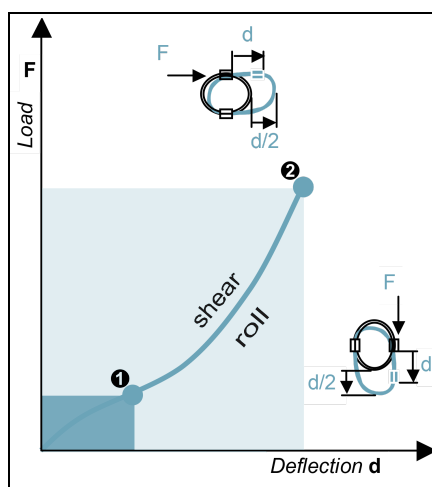
COMPRESSION AND TENSION

MP48 Series	Model	-62	-68	-72	-74	-82
1.Max Static	F lbf	120	100	80	75	56
	d in	0.22	0.27	0.33	0.42	0.56
2.Max Shock	F lbf	350	310	240	230	170
	d in	1.2	1.5	1.8	2.3	3.0
3.Max Vibration	2a in	0.13	0.16	0.19	0.25	0.33
	f Hz	8.3	7.4	6.8	6.1	5.3
1.Max Static	F lbf	120	100	80	75	56
	d in	0.21	0.24	0.28	0.33	0.41
2.Max Shock	F lbf	1500	1200	910	780	540
	d in	1.1	1.2	1.4	1.5	1.7
3.Max Vibration	2a in	0.12	0.13	0.15	0.16	0.19
	f Hz	9.5	9.0	8.4	7.9	7.3



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP48 Series	Model	-62	-68	-72	-74	-82
1.Max Static	F lbf	88	76	60	57	42
	d in	0.34	0.38	0.45	0.62	0.71
2.Max Shock	F lbf	240	210	160	150	110
	d in	1.8	2.2	2.7	3.4	4.5
3.Max Vibration	2a in	0.19	0.25	0.29	0.37	0.50
	f Hz	6.2	5.6	5.1	4.5	4.0
1.Max Static	F lbf	88	76	60	57	42
	d in	0.24	0.28	0.36	0.41	0.51
2.Max Shock	F lbf	760	600	460	390	270
	d in	1.3	1.4	1.6	1.7	2.0
3.Max Vibration	2a in	0.14	0.15	0.17	0.19	0.22
	f Hz	7.7	7.2	6.8	6.4	5.9



SHEAR OR ROLL

MP48 Series	Model	-62	-68	-72	-74	-82
1.Max Static	F lbf	59	51	40	38	28
	d in	0.40	0.49	0.61	0.76	0.99
2.Max Shock	F lbf	270	230	180	160	110
	d in	1.4	1.6	1.9	2.2	2.7
3.Max Vibration	2a in	0.15	0.18	0.21	0.24	0.30
	f Hz	6.5	5.9	5.5	5.1	4.5

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