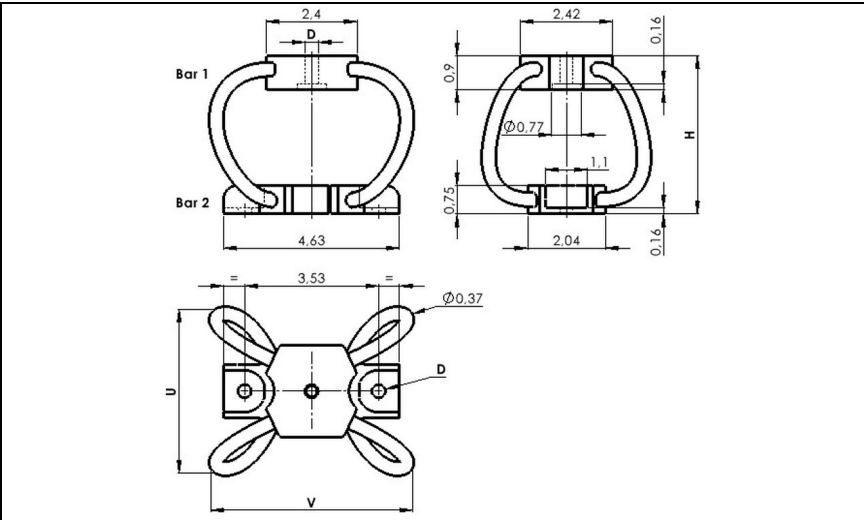


WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION
series MP44



- 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)
MP44
Cable: stainless steel
Retainer bars: aluminium alloy
Inserts: stainless steel

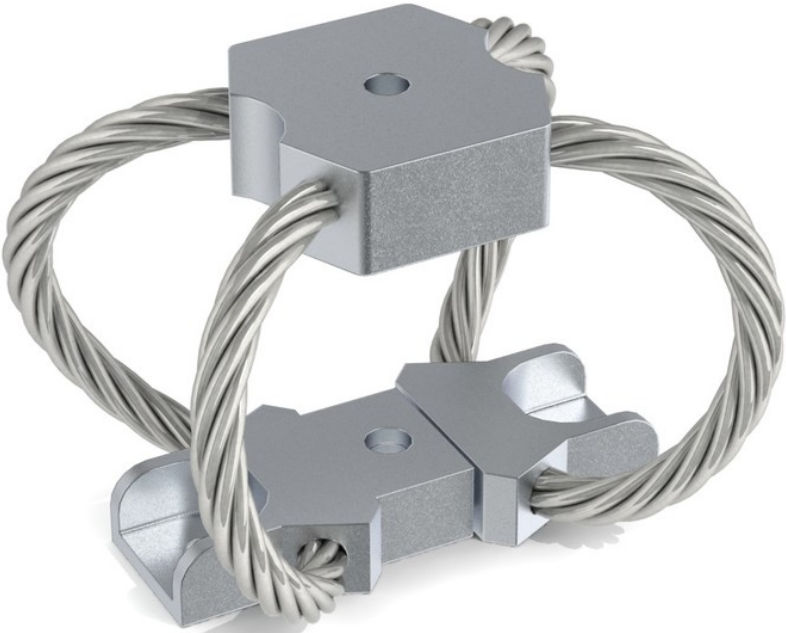
MODEL	height H (in)	width U (in)	width V (in)	weight (lbs)
-62	3.0	3.5	4.6	1.2
-68	3.3	3.6	4.8	1.2
-72	3.5	3.8	4.9	1.2
-74	4.0	4.2	5.3	1.3
-82	5.0	5.0	5.7	1.4

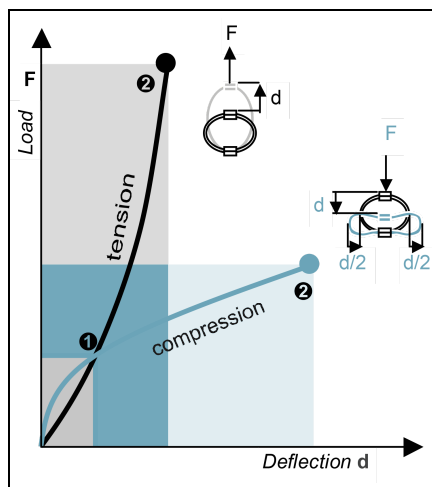
INTERFACES	Bar 1
fixtures holes D	
Bar 2	
1 through hole Ø 0.35 in (optional 1/2 - 13 insert)	no suffix

M	P	4	4	-	6	2
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SERIE: MP44
'Polycal' mount from the
MP44 series

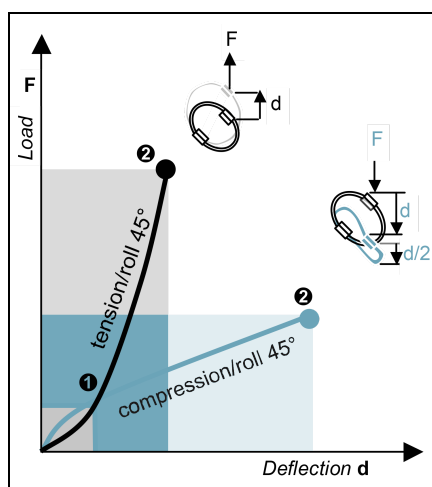
MODEL: -62
height: 3.0in
width: 3.5in
weight: 1.2lbs





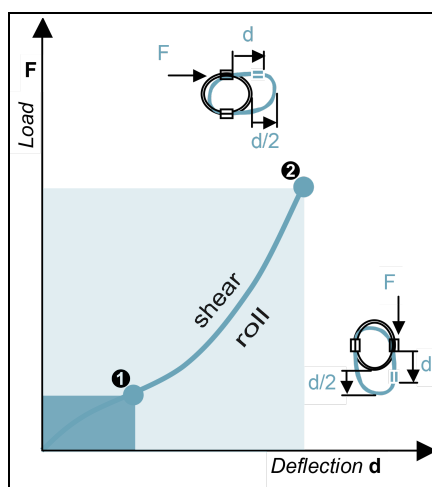
COMPRESSION AND TENSION

MP44 Series	Model	-62	-68	-72	-74	-82
1.Max Static	F lbf	71	58	53	50	30
	d in	0.24	0.28	0.32	0.40	0.57
2.Max Shock	F lbf	210	170	160	150	89
	d in	1.3	1.5	1.7	2.2	3.1
3.Max Vibration	2a in	0.14	0.17	0.19	0.24	0.34
	f Hz	8.0	7.3	6.9	6.3	5.2
1.Max Static	F lbf	71	58	53	50	30
	d in	0.21	0.25	0.28	0.29	0.39
2.Max Shock	F lbf	840	690	600	480	280
	d in	1.0	1.3	1.3	1.2	1.6
3.Max Vibration	2a in	0.11	0.14	0.15	0.13	0.18
	f Hz	9.7	8.8	8.5	8.7	7.4



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP44 Series	Model	-62	-68	-72	-74	-82
1.Max Static	F lbf	53	43	40	37	22
	d in	0.32	0.38	0.45	0.51	0.75
2.Max Shock	F lbf	140	120	110	96	57
	d in	1.9	2.3	2.6	3.2	4.6
3.Max Vibration	2a in	0.21	0.25	0.29	0.36	0.51
	f Hz	6.0	5.5	5.2	4.7	3.9
1.Max Static	F lbf	53	43	40	37	22
	d in	0.24	0.30	0.35	0.35	0.52
2.Max Shock	F lbf	420	340	300	240	140
	d in	1.2	1.4	1.5	1.4	1.8
3.Max Vibration	2a in	0.13	0.16	0.17	0.15	0.20
	f Hz	7.8	7.1	6.9	7.0	6.0



SHEAR OR ROLL

MP44 Series	Model	-62	-68	-72	-74	-82
1.Max Static	F lbf	36	29	27	25	15
	d in	0.46	0.54	0.63	0.71	1.0
2.Max Shock	F lbf	150	120	110	95	57
	d in	1.4	1.7	1.8	1.9	2.7
3.Max Vibration	2a in	0.15	0.18	0.20	0.21	0.30
	f Hz	6.4	5.8	5.6	5.4	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