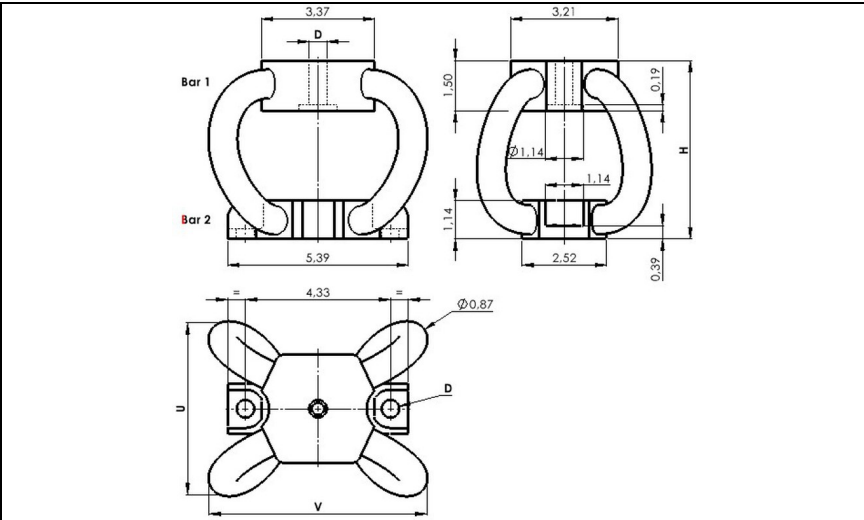


WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION
series **MP68**



- 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)
MP68
Cable: stainless steel
Retainer bars: aluminium alloy
Inserts: stainless steel

MODEL	height H (in)	width U (in)	width V (in)	weight (lbs)
-78	5.2	5.6	7.1	4.9
-84	6.1	6.0	7.2	6.0
-86	6.3	6.4	8.1	6.4
-90	7.6	7.3	8.7	7.9
-92	8.7	8.2	9.5	9.4

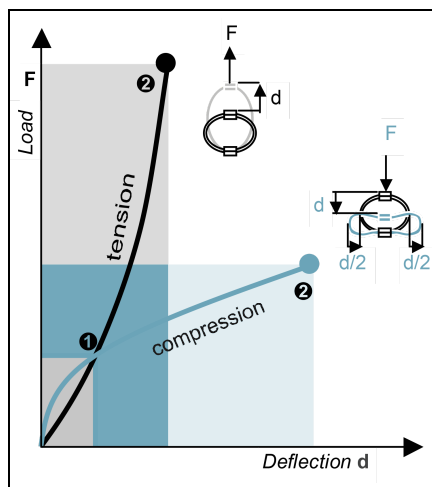
INTERFACES	
fixtures holes D	Bar 1
Bar 2	
1 through hole ø 0.53 in (optional 5/8 - 11 insert)	no suffix

M	P	6	8	-	7	8
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SERIE: MP68
'Polycal' mount from the
MP68 series

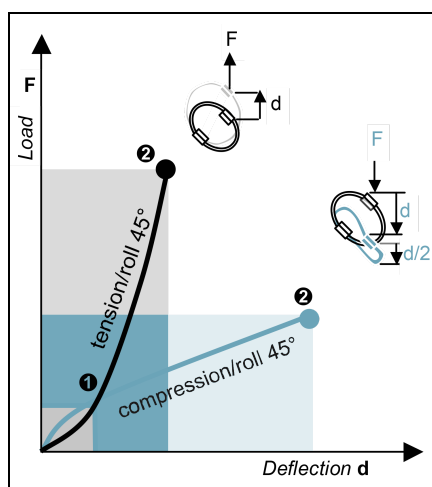
MODEL: -78
height: 5.2in
width: 5.6in
weight: 4.9lbs





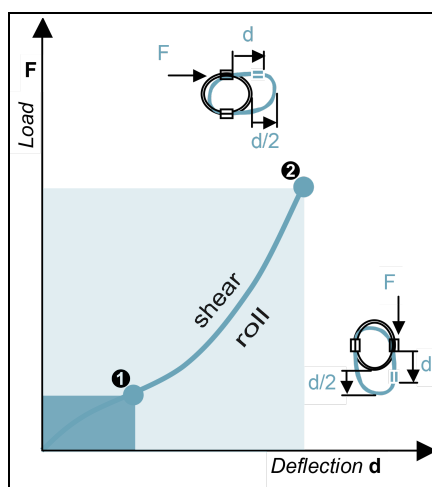
COMPRESSION AND TENSION

MP68 Series	Model	-78	-84	-86	-90	-92
1.Max Static	F lbf	570	510	400	350	270
	d in	0.45	0.57	0.62	0.82	1.0
2.Max Shock	F lbf	1700	1500	1200	1100	810
	d in	2.4	3.1	3.4	4.5	5.5
3.Max Vibration	2a in	0.27	0.34	0.37	0.49	0.61
	f Hz	5.8	5.2	4.9	4.4	3.9
1.Max Static	F lbf	570	510	400	350	270
	d in	0.39	0.44	0.53	0.59	0.72
2.Max Shock	F lbf	6500	5200	4500	3400	2600
	d in	1.9	2.0	2.5	2.5	3.0
3.Max Vibration	2a in	0.21	0.22	0.28	0.27	0.32
	f Hz	7.2	6.8	6.2	6.0	5.5



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP68 Series	Model	-78	-84	-86	-90	-92
1.Max Static	F lbf	430	380	300	260	200
	d in	0.63	0.84	0.88	1.1	1.3
2.Max Shock	F lbf	1200	1000	810	680	520
	d in	3.6	4.6	5.1	6.7	8.3
3.Max Vibration	2a in	0.40	0.51	0.56	0.73	0.91
	f Hz	4.4	3.9	3.7	3.3	2.9
1.Max Static	F lbf	430	380	300	260	200
	d in	0.49	0.54	0.65	0.73	0.85
2.Max Shock	F lbf	3300	2600	2300	1700	1300
	d in	2.1	2.3	2.9	2.8	3.4
3.Max Vibration	2a in	0.24	0.25	0.32	0.31	0.37
	f Hz	5.8	5.5	5.0	4.9	4.4



SHEAR OR ROLL

MP68 Series	Model	-78	-84	-86	-90	-92
1.Max Static	F lbf	290	250	200	180	140
	d in	0.73	0.90	1.0	1.3	1.7
2.Max Shock	F lbf	1300	1200	920	770	580
	d in	2.6	2.9	3.5	4.0	4.9
3.Max Vibration	2a in	0.28	0.32	0.38	0.44	0.54
	f Hz	4.8	4.4	4.0	3.8	3.4

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