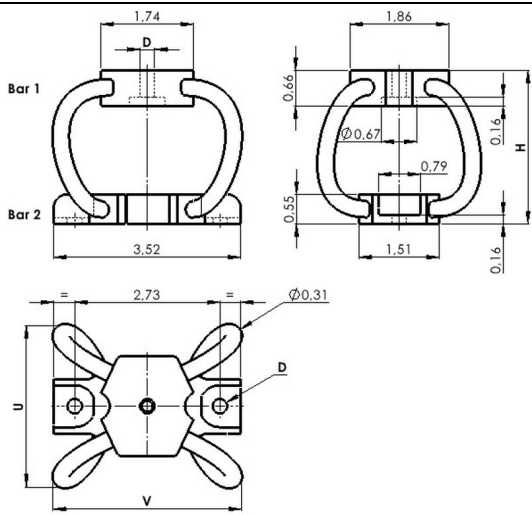


WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION
series **MP36**



- 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)
MP36
Cable: stainless steel
Retainer bars: aluminium alloy
Inserts: stainless steel

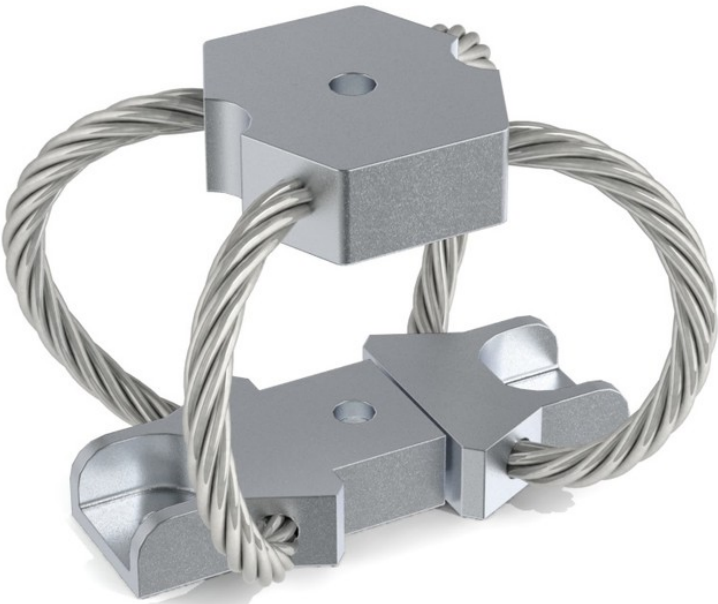
MODEL	height H (in)	width U (in)	width V (in)	weight (lbs)
-58	2.2	2.6	3.2	0.49
-60	2.4	2.8	3.5	0.51
-64	2.9	3.1	3.7	0.55
-70	3.4	3.4	4.1	0.57
-76	4.1	3.9	4.6	0.62

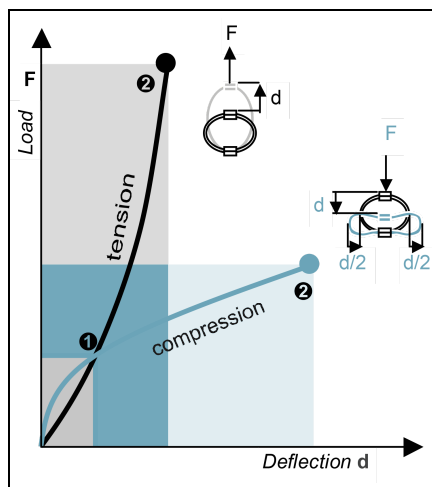
INTERFACES	
fixtures holes D	Bar 1
Bar 2	
1 through hole ø 0.28 in (optional 3/8 - 16 insert)	no suffix

M	P	3	6	-	5	8
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SERIE: MP36
'Polycal' mount from the
MP36 series

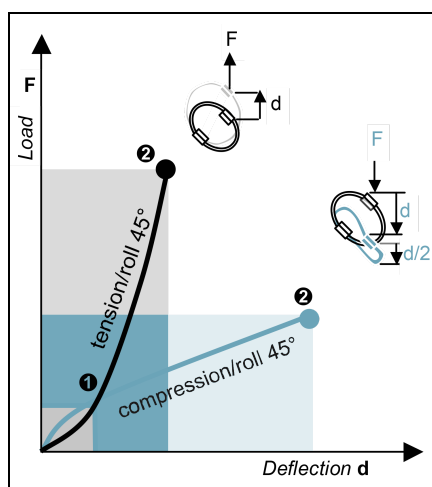
MODEL: -58
height: 2.2in
width: 2.6in
weight: 0.49lbs





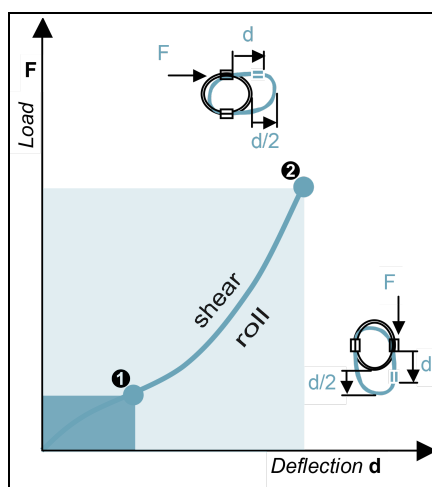
COMPRESSION AND TENSION

MP36 Series	Model	-58	-60	-64	-70	-76
1.Max Static	F lbf	70	58	47	41	25
	d in	0.16	0.21	0.29	0.37	0.48
2.Max Shock	F lbf	210	170	140	120	74
	d in	0.88	1.1	1.6	2.0	2.6
3.Max Vibration	2a in	0.10	0.12	0.17	0.22	0.29
	f Hz	9.6	8.6	7.4	6.4	5.7
1.Max Static	F lbf	70	58	47	41	25
	d in	0.14	0.17	0.20	0.29	0.34
2.Max Shock	F lbf	800	620	450	430	240
	d in	0.68	0.78	0.85	1.3	1.4
3.Max Vibration	2a in	0.08	0.09	0.09	0.14	0.16
	f Hz	11.9	11.0	10.3	8.4	7.9



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP36 Series	Model	-58	-60	-64	-70	-76
1.Max Static	F lbf	52	43	35	31	19
	d in	0.23	0.30	0.37	0.55	0.62
2.Max Shock	F lbf	140	110	91	82	48
	d in	1.3	1.7	2.3	3.0	3.9
3.Max Vibration	2a in	0.14	0.19	0.26	0.33	0.43
	f Hz	7.2	6.4	5.5	4.8	4.3
1.Max Static	F lbf	52	43	35	31	19
	d in	0.18	0.19	0.25	0.36	0.41
2.Max Shock	F lbf	400	310	220	210	120
	d in	0.78	0.89	0.97	1.5	1.6
3.Max Vibration	2a in	0.09	0.10	0.11	0.16	0.18
	f Hz	9.6	8.8	8.3	6.8	6.4



SHEAR OR ROLL

MP36 Series	Model	-58	-60	-64	-70	-76
1.Max Static	F lbf	35	29	23	21	12
	d in	0.29	0.37	0.44	0.67	0.83
2.Max Shock	F lbf	160	130	100	99	52
	d in	0.93	1.1	1.4	1.9	2.3
3.Max Vibration	2a in	0.10	0.12	0.15	0.21	0.26
	f Hz	7.9	7.2	6.4	5.4	4.9

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