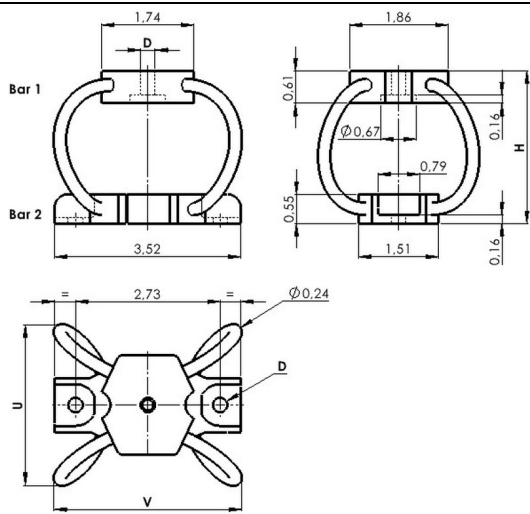


WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION
series MP28



- 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)
MP28
Cable: stainless steel
Retainer bars: aluminium alloy
Inserts: stainless steel

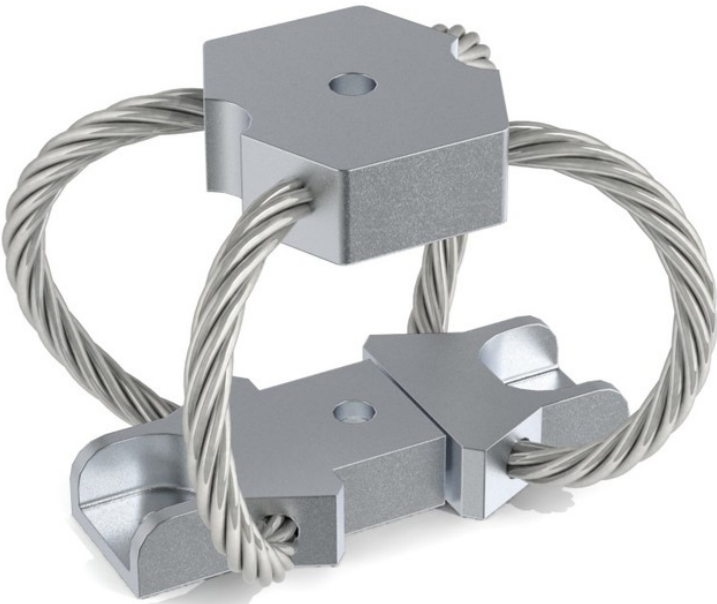
MODEL	height H (in)	width U (in)	width V (in)	weight (lbs)
-58	2.2	2.4	3.2	0.40
-64	2.8	3.1	3.5	0.44
-70	3.4	3.4	4.1	0.49
-76	4.0	3.8	4.4	0.51

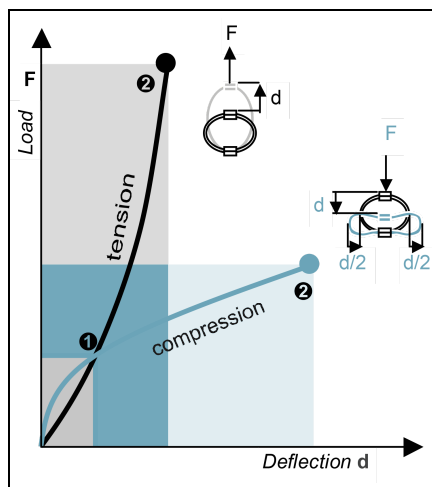
INTERFACES	Bar 1
fixtures holes D	
Bar 2	
1 through hole ø 0.28 in (optional 3/8 - 16 insert)	no suffix

M	P	2	8	-	5	8
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SERIE: MP28
'Polycal' mount from the
MP28 series

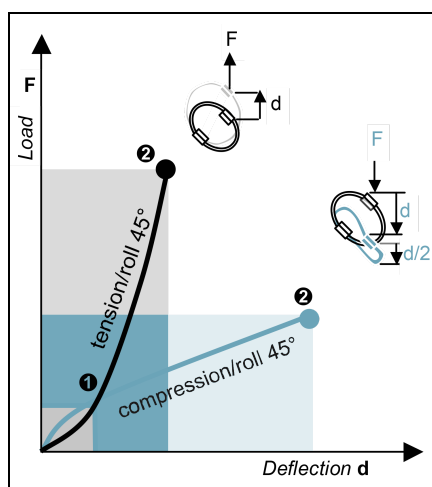
MODEL: -58
height: 2.2in
width: 2.4in
weight: 0.40lbs





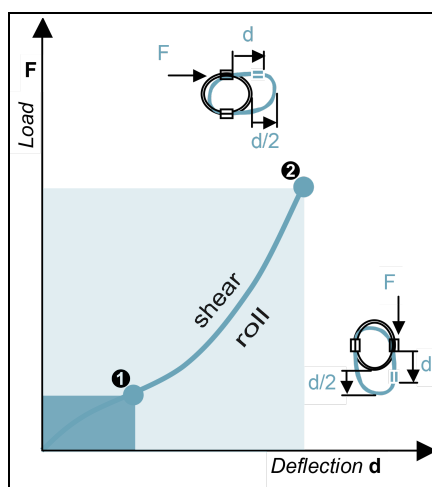
COMPRESSION AND TENSION

MP28 Series	Model	-58	-64	-70	-76
1.Max Static	F lbf	31	17	13	9.1
	d in	0.18	0.28	0.37	0.48
2.Max Shock	F lbf	92	51	40	27
	d in	0.96	1.5	2.0	2.6
3.Max Vibration	2a in	0.11	0.17	0.22	0.29
	f Hz	9.3	7.4	6.4	5.7
1.Max Static	F lbf	31	17	13	9.1
	d in	0.14	0.20	0.30	0.33
2.Max Shock	F lbf	310	160	140	85
	d in	0.61	0.83	1.4	1.4
3.Max Vibration	2a in	0.07	0.09	0.15	0.15
	f Hz	12.3	10.4	8.3	8.1



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP28 Series	Model	-58	-64	-70	-76
1.Max Static	F lbf	23	13	9.9	6.9
	d in	0.26	0.36	0.55	0.63
2.Max Shock	F lbf	60	33	26	18
	d in	1.4	2.3	3.0	3.9
3.Max Vibration	2a in	0.16	0.25	0.33	0.43
	f Hz	6.9	5.6	4.8	4.3
1.Max Static	F lbf	23	13	9.9	6.9
	d in	0.17	0.24	0.38	0.44
2.Max Shock	F lbf	160	80	69	42
	d in	0.70	0.95	1.5	1.5
3.Max Vibration	2a in	0.08	0.10	0.17	0.17
	f Hz	9.9	8.4	6.7	6.6



SHEAR OR ROLL

MP28 Series	Model	-58	-64	-70	-76
1.Max Static	F lbf	15	8.5	6.6	4.6
	d in	0.29	0.45	0.70	0.90
2.Max Shock	F lbf	62	35	30	18
	d in	0.92	1.4	2.0	2.3
3.Max Vibration	2a in	0.10	0.15	0.22	0.25
	f Hz	7.8	6.4	5.3	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