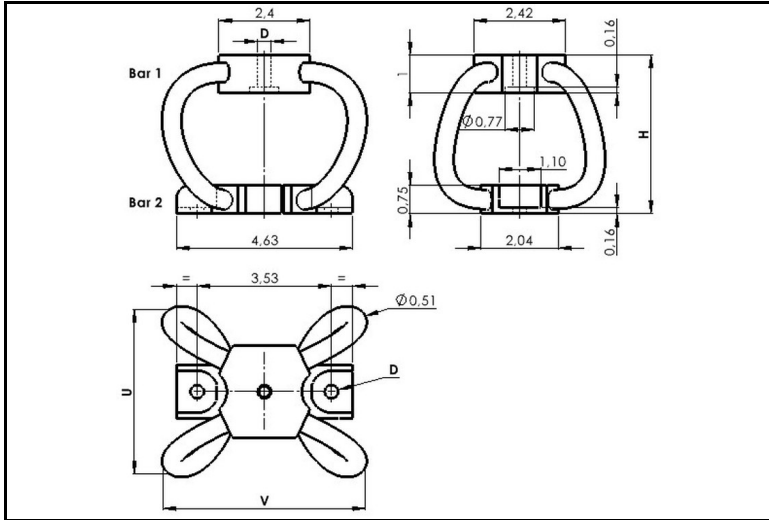


WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION
series MP14



- 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)
MP14
Cable: stainless steel
Retainer bars: aluminium alloy
Inserts: stainless steel

MODEL	height H(in)	width U(in)	width V(in)	weight (lbs)
-175	3,0	3,7	4,5	1,3
-200	3,3	3,8	4,8	1,5
-235	3,6	4,2	5,2	1,7
-270	4,1	4,3	5,5	1,8
-345	5,0	5,0	6,0	2,2
-430	6,1	5,9	6,8	2,3

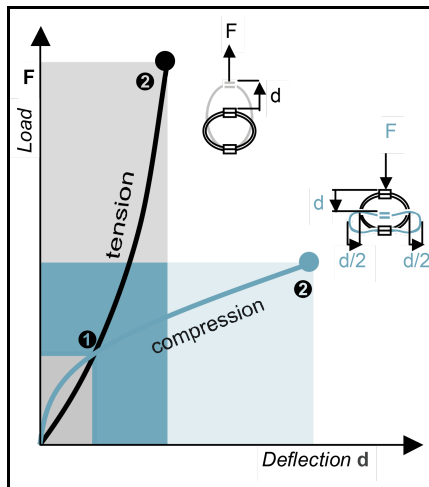
INTERFACES	
fixtures holes D	Bar 1
Bar 2	
1 through hole ø 0.35 in (optional 1/2 - 13 insert)	Bar 1

M P 1 4 - 1 7 5

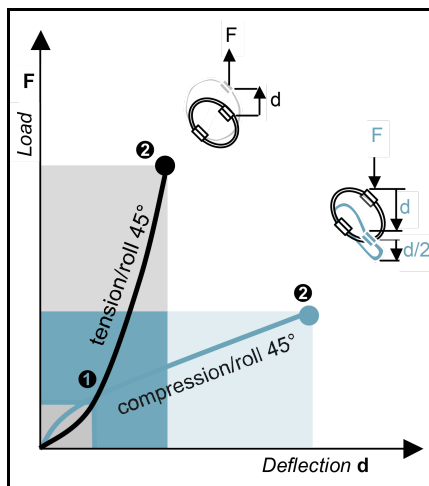
SERIE: MP14
'Polycal' mount from the
MP14 series

MODEL: -175
height: 3,0in
width: 3,7in
weight: 1,3lbs

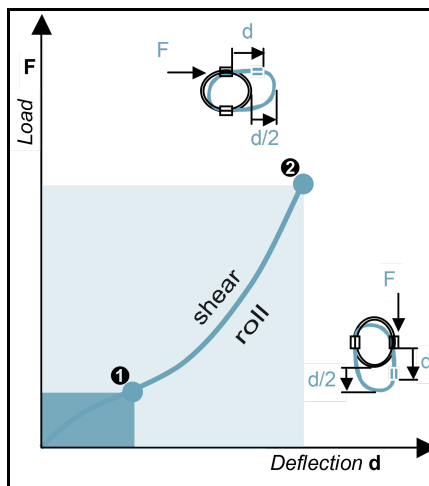




COMPRESSION AND TENSION							
MP14 Series	Model	-175	-200	-235	-270	-345	-430
1.Max Static	F lbf	200	180	150	120	95	66
	d in	0,22	0,27	0,32	0,39	0,55	0,72
2.Max Shock	F lbf	600	530	440	370	290	200
	d in	1,2	1,5	1,7	2,1	3,0	3,9
3.Max Vibration	2a in	0,13	0,16	0,19	0,23	0,33	0,43
	f Hz	8,2	7,4	6,9	6,2	5,3	4,6
1.Max Static	F lbf	200	180	150	120	95	66
	d in	0,21	0,25	0,29	0,34	0,41	0,55
2.Max Shock	F lbf	2600	2100	1800	1400	950	660
	d in	1,1	1,2	1,5	1,7	1,8	2,4
3.Max Vibration	2a in	0,13	0,14	0,16	0,18	0,20	0,26
	f Hz	9,4	8,9	8,2	7,6	7,1	6,2



COMPRESSION/ROLL 45° - TENSION/ROLL 45°							
MP14 Series	Model	-175	-200	-235	-270	-345	-430
1.Max Static	F lbf	150	130	110	92	72	49
	d in	0,34	0,44	0,51	0,54	0,69	0,90
2.Max Shock	F lbf	410	360	300	250	190	130
	d in	1,8	2,2	2,6	3,2	4,5	5,9
3.Max Vibration	2a in	0,20	0,24	0,28	0,35	0,49	0,65
	f Hz	6,1	5,5	5,1	4,7	4,0	3,5
1.Max Static	F lbf	150	130	110	92	72	49
	d in	0,25	0,30	0,35	0,45	0,54	0,63
2.Max Shock	F lbf	1300	1100	890	710	470	330
	d in	1,3	1,4	1,7	1,9	2,0	2,7
3.Max Vibration	2a in	0,14	0,16	0,18	0,21	0,22	0,30
	f Hz	7,6	7,2	6,6	6,2	5,8	5,0



SHEAR OR ROLL							
MP14 Series	Model	-175	-200	-235	-270	-345	-430
1.Max Static	F lbf	100	88	73	61	48	33
	d in	0,42	0,51	0,59	0,74	0,95	1,3
2.Max Shock	F lbf	480	410	340	280	200	130
	d in	1,4	1,6	1,9	2,3	2,8	3,6
3.Max Vibration	2a in	0,15	0,18	0,21	0,25	0,31	0,40
	f Hz	6,5	6,0	5,5	5,0	4,5	3,9
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) <i>*IMPORTANT: Performance characteristics are given here for reference only. They can be increased under specific conditions. Contact us</i>							

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

