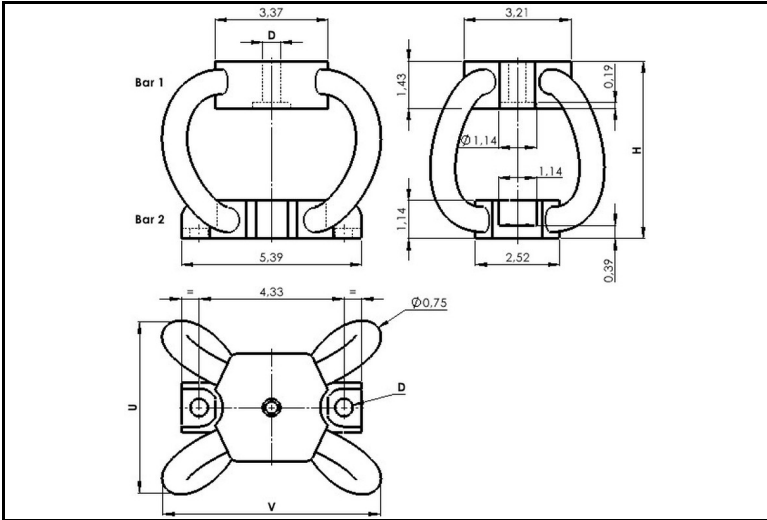


WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION
series MP16



- 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)
MP16
Cable: stainless steel
Retainer bars: aluminium alloy
Inserts: stainless steel

MODEL	height H(in)	width U(in)	width V(in)	weight (lbs)
-315	5,1	5,4	6,9	4,9
-375	5,9	5,9	7,7	5,1
-415	6,5	6,3	8,0	5,4
-515	7,6	7,2	8,6	6,0
-615	8,8	8,1	9,3	6,7

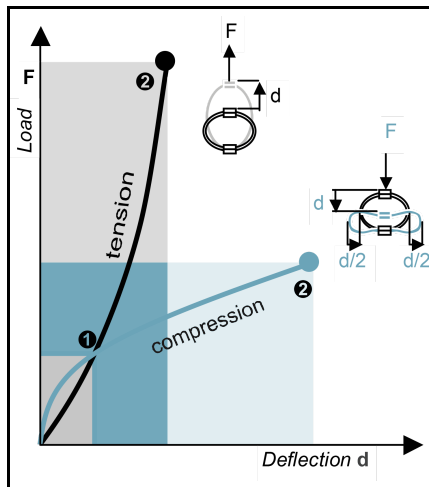
INTERFACES	
fixtures holes D	Bar 1
Bar 2	
1 through hole ø 0.53 in (optional 5/8 - 11 insert)	Bar 1

M P 1 6 - 3 1 5

SERIE: MP16
'Polycal' mount from the
MP16 series

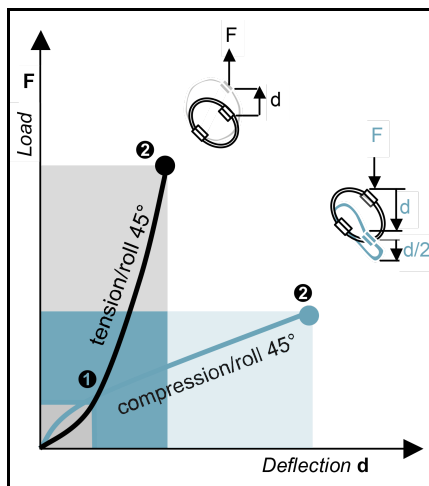
MODEL: -315
height: 5,1in
width: 5,4in
weight: 4,9lbs





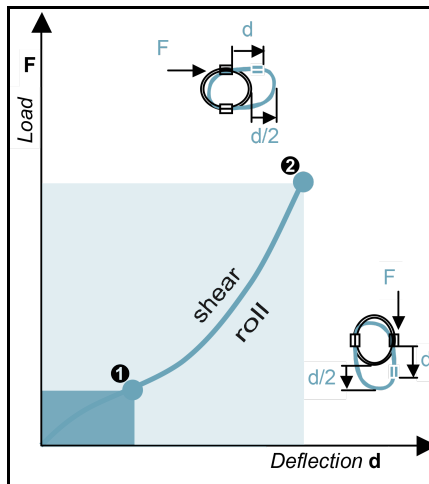
COMPRESSION AND TENSION

MP16 Series	Model	-315	-375	-415	-515	-615
1.Max Static	F lbf	320	260	230	180	140
	d in	0,43	0,57	0,65	0,85	1,0
2.Max Shock	F lbf	950	770	680	530	410
	d in	2,3	3,1	3,5	4,6	5,7
3.Max Vibration	2a in	0,26	0,34	0,39	0,51	0,62
	f Hz	5,9	5,2	4,9	4,3	3,9
1.Max Static	F lbf	320	260	230	180	140
	d in	0,38	0,46	0,51	0,61	0,74
2.Max Shock	F lbf	3700	2700	2300	1700	1300
	d in	1,9	2,1	2,3	2,5	3,1
3.Max Vibration	2a in	0,20	0,23	0,25	0,28	0,34
	f Hz	7,2	6,7	6,4	5,9	5,4



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP16 Series	Model	-315	-375	-415	-515	-615
1.Max Static	F lbf	240	190	170	130	100
	d in	0,59	0,82	0,97	1,1	1,3
2.Max Shock	F lbf	640	510	450	350	260
	d in	3,5	4,6	5,3	6,9	8,5
3.Max Vibration	2a in	0,38	0,51	0,58	0,76	0,93
	f Hz	4,4	3,9	3,6	3,2	2,9
1.Max Static	F lbf	240	190	170	130	100
	d in	0,43	0,59	0,62	0,75	0,90
2.Max Shock	F lbf	1800	1400	1200	850	640
	d in	2,1	2,4	2,6	2,9	3,5
3.Max Vibration	2a in	0,23	0,26	0,28	0,32	0,39
	f Hz	5,8	5,4	5,2	4,8	4,4



SHEAR OR ROLL

MP16 Series	Model	-315	-375	-415	-515	-615
1.Max Static	F lbf	160	130	110	89	68
	d in	0,77	0,99	1,1	1,4	1,8
2.Max Shock	F lbf	710	560	490	370	280
	d in	2,5	3,0	3,4	4,1	5,0
3.Max Vibration	2a in	0,27	0,33	0,37	0,45	0,55
	f Hz	4,8	4,3	4,1	3,7	3,3

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

