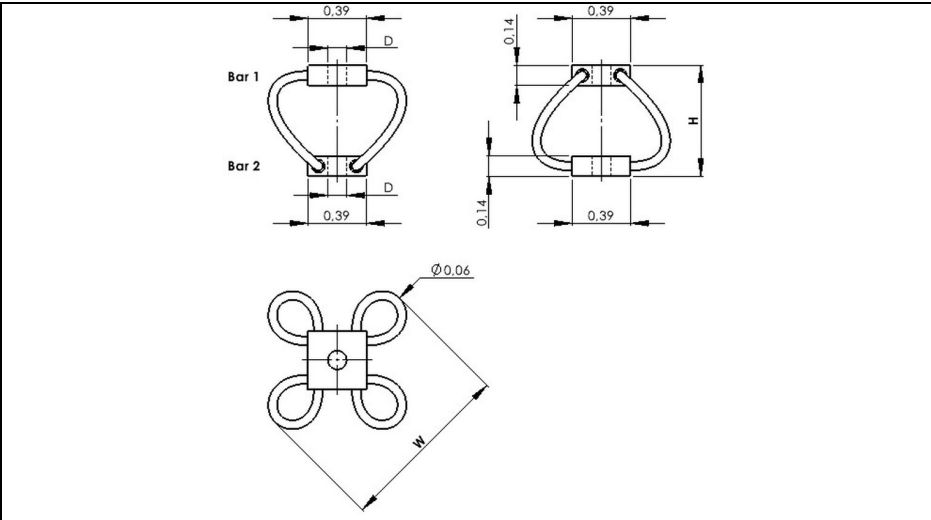


WIRE ROPE ISOLATORS: 'POLYCAL'



- All metal multidirectional anti-vibration/shock mounts
- Exceptional reliability and long life
- High damping
- No ageing
- Corrosion resistant
- Unequalled temperature range:
 - 180°C to 300°C
- Great adaptability/versatility

SPECIALS ON REQUEST
(material and size)

Dimensions are in inches. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
MP04
Cable: stainless steel
Bars: aluminium alloy / surtec 650
Other materials on request

MODEL		height H (in)	width W (in)	weight (oz)
-44		0.63	1.10	0.14
-46		0.75	1.18	0.14
-48		0.91	1.34	0.18
-52		1.06	1.50	0.18
-55		1.22	1.73	0.18

INTERFACES			
fixtures holes D	Bar 1		
	through holes ø 3,2 mm	through holes ø 3,2 mm countersunk 90°	threaded hole M3
Bar 2			
through holes ø 3,2 mm			
through holes ø 3,2 mm countersunk 90°			
threaded hole M3			

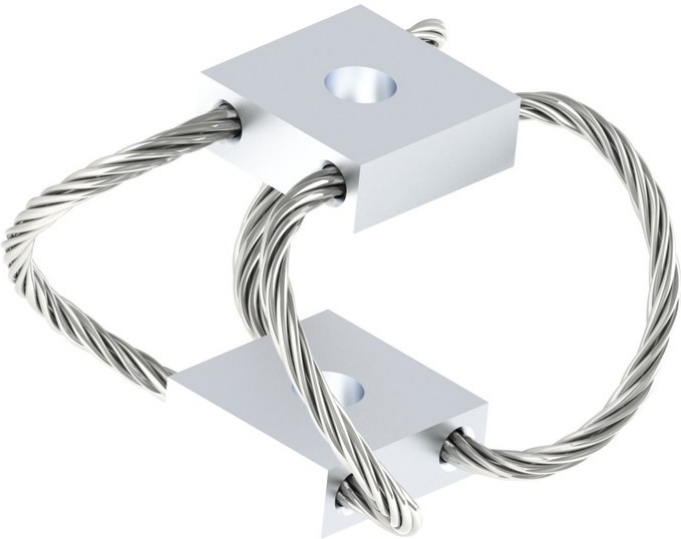
Other interfaces on request.

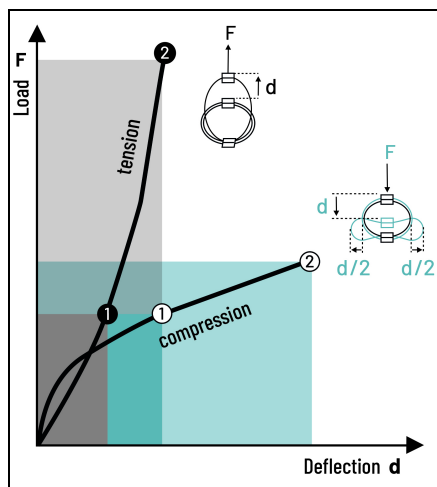
M	P	0	4	-	4	4
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SERIE: MP04
'Polycal' mount from the
MP04 series

MODEL: -44
height: 0.63in
width: 1.10in
weight: 0.14oz

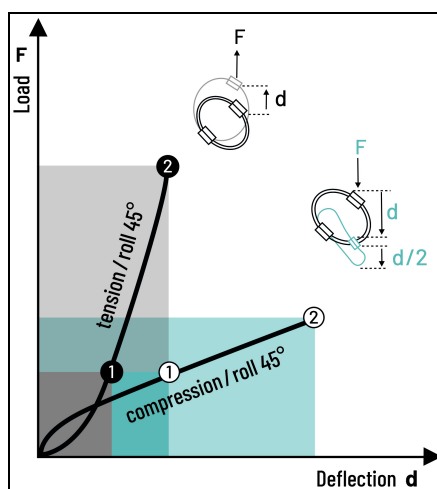
INTERFACE:
through
holes
ø 3,2
mm
countersunk
90° in
bar 1,
threaded
hole
M3 in
bar 2





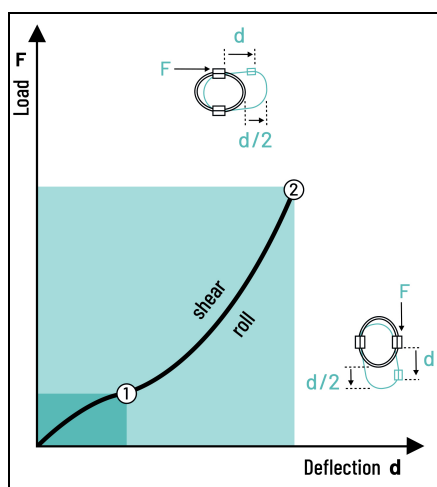
COMPRESSION AND TENSION

MP04 Series	Model	-44	-46	-48	-52	-55
1.Max Static	F lbf	1.91	1.80	1.33	1.01	0.61
	d in	0.05	0.07	0.10	0.12	0.11
2.Max Shock	F lbf	5.76	5.42	3.96	3.03	1.82
	d in	0.28	0.38	0.52	0.67	0.85
3.Max Vibration	2a in	0.03	0.04	0.06	0.07	0.09
	f Hz	16.90	14.63	12.57	11.19	9.00
1.Max Static	F lbf	1.91	1.80	1.33	1.01	0.61
	d in	0.05	0.06	0.08	0.10	0.08
2.Max Shock	F lbf	27.81	20.39	14.07	10.39	5.40
	d in	0.32	0.29	0.36	0.42	0.55
3.Max Vibration	2a in	0.04	0.03	0.04	0.05	0.06
	f Hz	18.27	18.11	16.18	14.77	11.00



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP04 Series	Model	-44	-46	-48	-52	-55
1.Max Static	F lbf	1.44	1.35	0.99	0.76	0.45
	d in	0.08	0.10	0.14	0.18	0.15
2.Max Shock	F lbf	3.98	3.62	2.63	2.00	1.33
	d in	0.41	0.57	0.79	1.00	1.28
3.Max Vibration	2a in	0.05	0.06	0.09	0.11	0.14
	f Hz	12.71	10.97	9.37	8.31	7.00
1.Max Static	F lbf	1.44	1.35	0.99	0.76	0.45
	d in	0.07	0.08	0.10	0.12	0.12
2.Max Shock	F lbf	14.10	10.21	7.01	5.17	2.70
	d in	0.37	0.34	0.41	0.48	0.63
3.Max Vibration	2a in	0.04	0.04	0.04	0.05	0.07
	f Hz	14.85	14.68	13.14	11.92	10.00



SHEAR OR ROLL

MP04 Series	Model	-44	-46	-48	-52	-55
1.Max Static	F lbf	0.97	0.90	0.65	0.52	0.29
	d in	0.12	0.14	0.21	0.26	0.14
2.Max Shock	F lbf	4.23	3.46	2.43	1.80	1.78
	d in	0.37	0.40	0.52	0.64	0.76
3.Max Vibration	2a in	0.04	0.04	0.06	0.07	0.08
	f Hz	12.40	11.61	10.21	9.17	9.00

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
4. 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