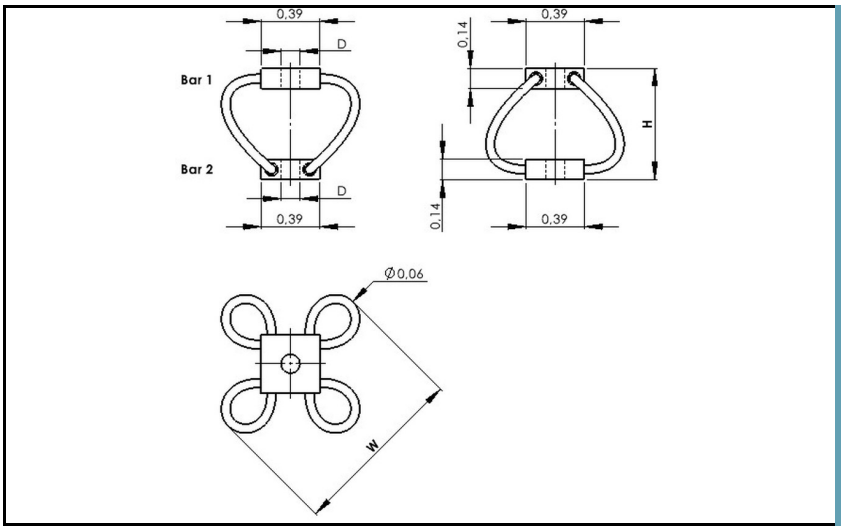
WIRE ROPE ISOLATORS: 'POLYCAL'



- 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)

MP2

Cable:
stainless steel

Bars:
aluminium alloy /
surtec 650

Other materials on request

MODEL

	height H (in)	width W (in)	weight (oz)
-40	0,63	1,10	0,14
-50	0,75	1,18	0,14
-60	0,91	1,34	0,18
-80	1,06	1,50	0,18
-100	1,22	1,73	0,18

INTERFACES

fixtures holes D / Bar 2	Bar 1: through holes ø 3,2 mm	Bar 1: through holes ø 3,2 mm countersunk 90°	Bar 1: threaded hole M3
through holes ø 3,2 mm	TM2	not standard	not standard
through holes ø 3,2 mm countersunk 90°	TCM	CM2	not standard
threaded hole M3	TIM	CIM	IM2

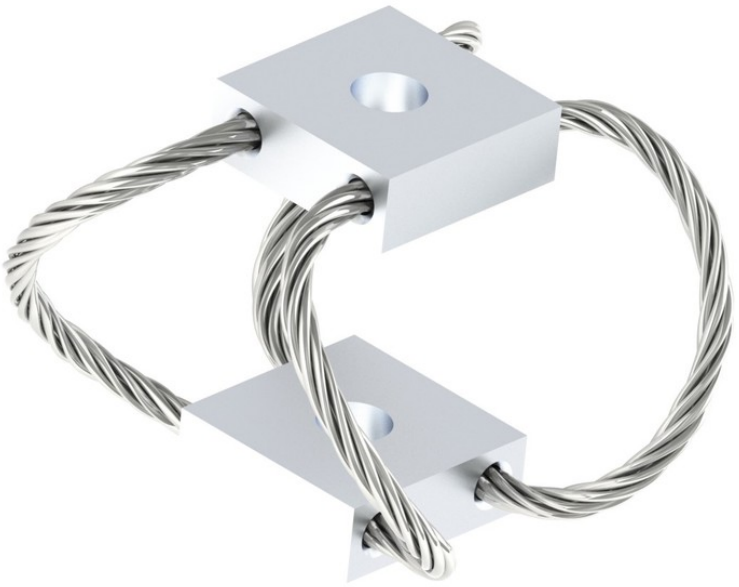
Other interfaces on request.

M	P	2	-	4	0	C	I	M

SERIE: MP2
'Polycal' mount from the MP2 series

MODEL: -40
height: 0,63in
width: 1,10in
weight: 0,14oz

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



ISO 9001 ROHS Compliant

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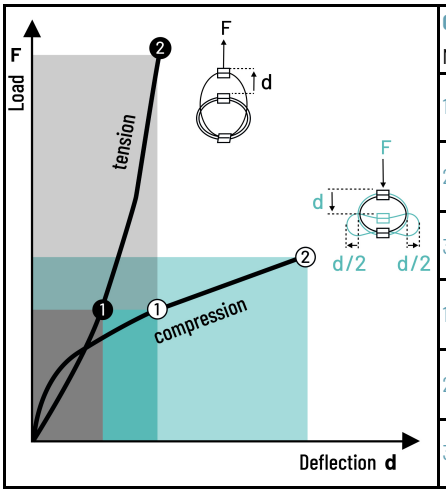
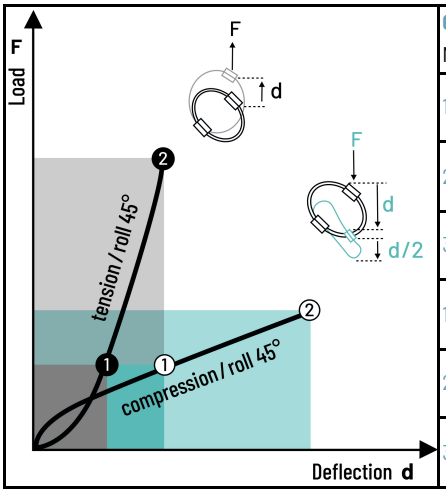


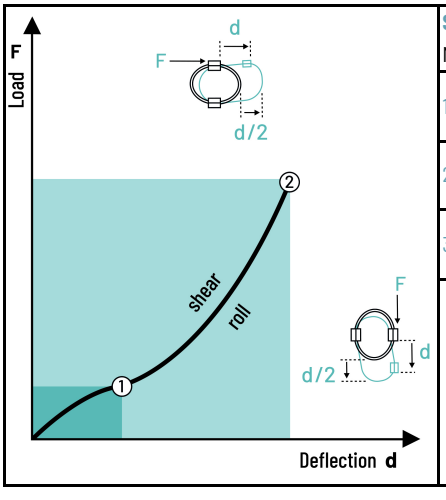
COMPRESSION AND TENSION

MP2 Series	Model	-40	-50	-60	-80	-100
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°

MP2 Series	Model	-40	-50	-60	-80	-100
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

MP2 Series	Model	-40	-50	-60	-80	-100
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