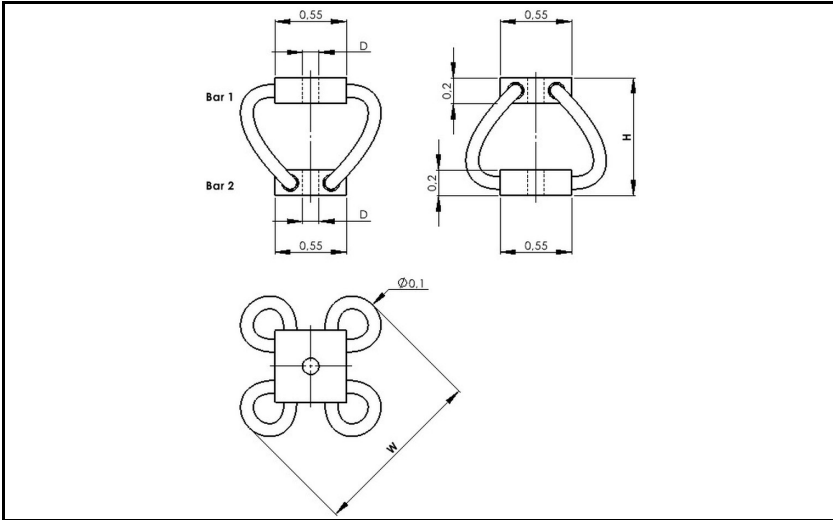


WIRE ROPE ISOLATORS: 'POLYCAL'

DEFINITION
series MP3



- 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)
MP3
Cable: stainless steel
Bars: aluminium alloy / surtec 650
Other materials on request

MODEL	height H (in)	width W (in)	weight (oz)
-50	0,75	1,22	0,14
-60	0,91	1,34	0,18
-70	1,06	1,50	0,18
-90	1,18	1,77	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	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	3	-	5	0	C	I	M
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SERIE: MP3

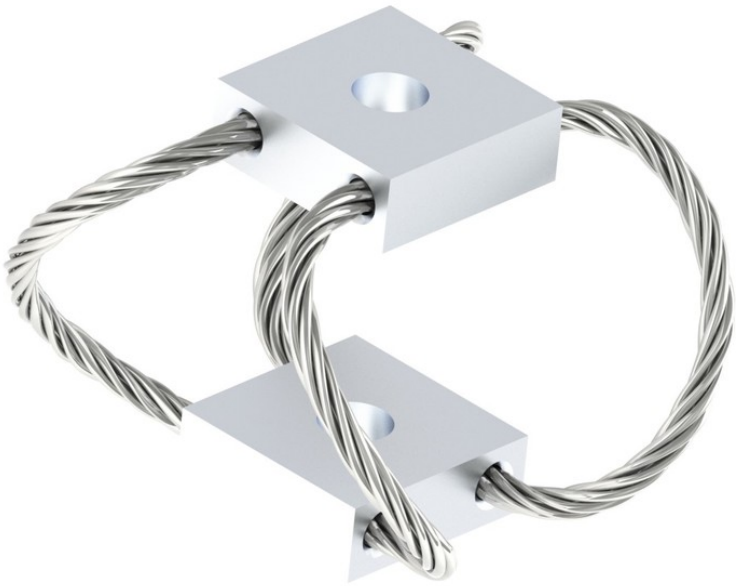
'Polycal' mount from
the MP3 series

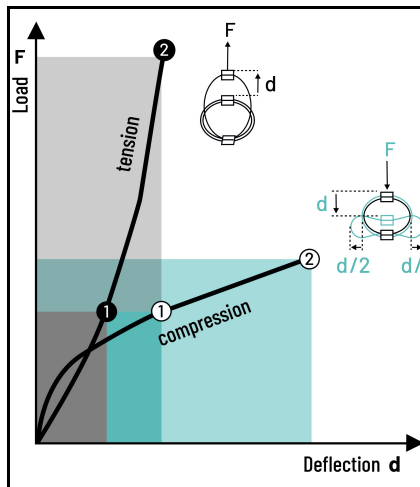
MODEL: -50

height: 0,75in
width: 1,22in
weight: 0,14oz

INTERFACE: CIM

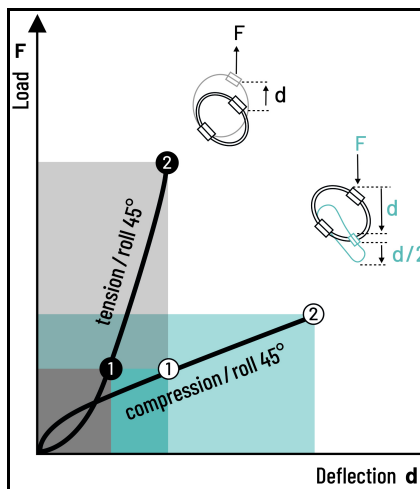
through holes ø 3,2 mm
countersunk 90° in bar 1,
threaded hole M3 in bar 2





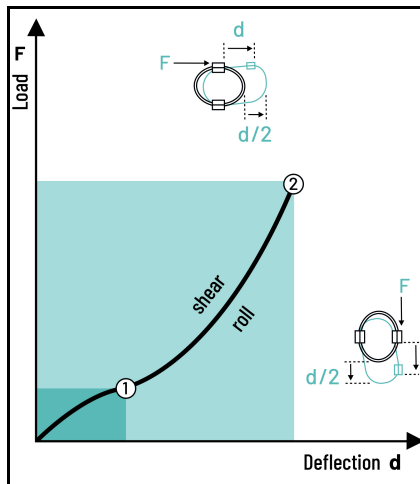
COMPRESSION AND TENSION

MP3 Series	Model	-50	-60	-70	-90
1. Max Static	F lbf	4,77	4,02	3,08	2,47
	d in	0,06	0,09	0,11	0,15
2. Max Shock	F lbf	14,28	12,07	9,22	7,40
	d in	0,33	0,47	0,62	0,83
3. Max Vibration	2a in	0,04	0,05	0,07	0,09
	f Hz	15,51	13,19	11,62	10,15
1. Max Static	F lbf	4,77	4,02	3,08	2,47
	d in	0,06	0,07	0,09	0,10
2. Max Shock	F lbf	62,02	43,46	31,83	22,71
	d in	0,33	0,33	0,40	0,42
3. Max Vibration	2a in	0,04	0,04	0,04	0,05
	f Hz	17,73	16,81	15,25	14,52



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP3 Series	Model	-50	-60	-70	-90
1. Max Static	F lbf	3,57	3,01	2,32	1,84
	d in	0,10	0,13	0,17	0,20
2. Max Shock	F lbf	9,76	8,00	6,07	4,74
	d in	0,50	0,71	0,92	1,24
3. Max Vibration	2a in	0,06	0,08	0,10	0,14
	f Hz	11,59	9,85	8,64	7,58
1. Max Static	F lbf	3,57	3,01	2,32	1,84
	d in	0,07	0,08	0,11	0,13
2. Max Shock	F lbf	31,29	21,69	15,85	11,22
	d in	0,37	0,38	0,46	0,48
3. Max Vibration	2a in	0,04	0,04	0,05	0,05
	f Hz	14,33	13,53	12,33	11,78



SHEAR OR ROLL

MP3 Series	Model	-50	-60	-70	-90
1. Max Static	F lbf	2,38	2,00	1,53	1,24
	d in	0,12	0,16	0,22	0,25
2. Max Shock	F lbf	10,79	8,39	6,23	4,86
	d in	0,40	0,48	0,59	0,71
3. Max Vibration	2a in	0,04	0,05	0,07	0,08
	f Hz	12,01	10,88	9,68	8,71

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)
 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