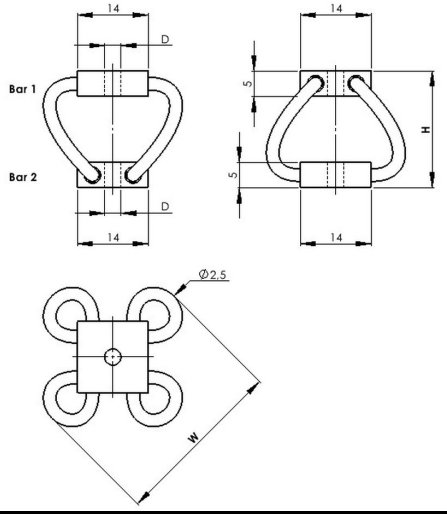
WIRE ROPE ISOLATORS: 'POLYCAL'



- 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 milimeters. 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 (mm)	width W (mm)	weight (gr)
-50	19	31	4
-60	23	34	5
-70	27	38	5
-90	30	45	5

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

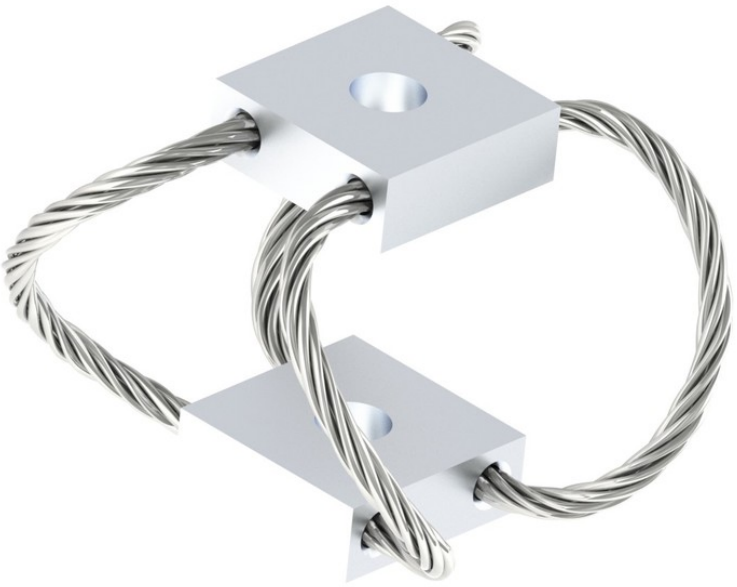
Other interfaces on request.

M	P	3	-	5	0	C	I	M

SERIE: MP3
'Polycal' mount from the MP3 series

MODEL: -50
height: 19mm
width: 31mm
weight: 4gr

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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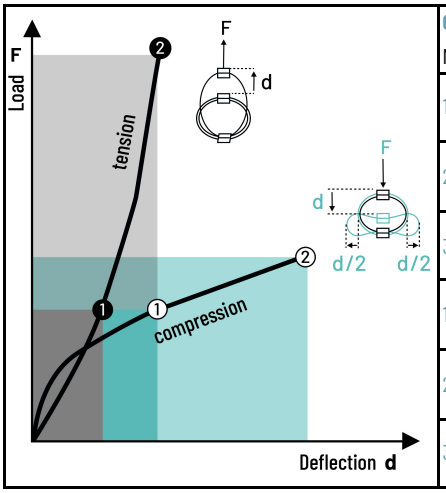
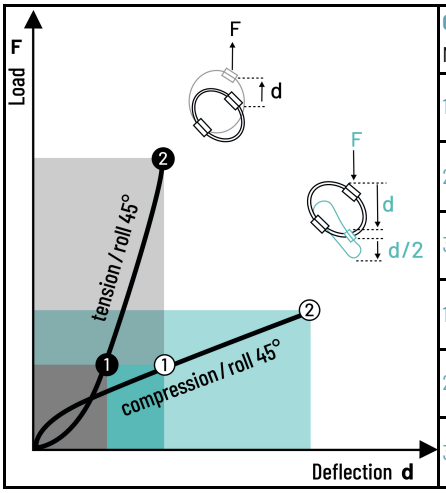


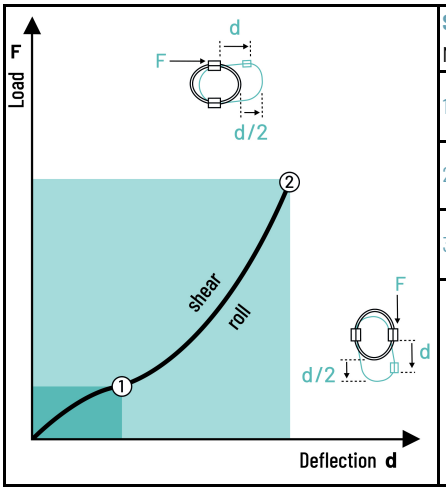
COMPRESSION AND TENSION

MP3 Series	Model	-50	-60	-70	-90
1.Max Static	F daN	2,12	1,79	1,37	1,10
	d mm	1,56	2,22	2,89	3,84
2.Max Shock	F daN	6,35	5,37	4,10	3,29
	d mm	8,46	12,06	15,66	21,06
3.Max Vibration	2a mm	0,93	1,33	1,72	2,32
	f Hz	15,51	13,19	11,62	10,15
1.Max Static	F daN	2,12	1,79	1,37	1,10
	d mm	1,52	1,83	2,27	2,64
2.Max Shock	F daN	27,59	19,33	14,16	10,10
	d mm	8,27	8,47	10,12	10,67
3.Max Vibration	2a mm	0,91	0,93	1,11	1,17
	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 daN	1,59	1,34	1,03	0,82
	d mm	2,44	3,20	4,27	5,17
2.Max Shock	F daN	4,34	3,56	2,70	2,11
	d mm	12,69	18,09	23,49	31,59
3.Max Vibration	2a mm	1,40	1,99	2,58	3,47
	f Hz	11,59	9,85	8,64	7,58
1.Max Static	F daN	1,59	1,34	1,03	0,82
	d mm	1,81	2,11	2,79	3,40
2.Max Shock	F daN	13,92	9,65	7,05	4,99
	d mm	9,45	9,68	11,57	12,19
3.Max Vibration	2a mm	1,04	1,06	1,27	1,34
	f Hz	14,33	13,53	12,33	11,78



SHEAR OR ROLL

MP3 Series	Model	-50	-60	-70	-90
1.Max Static	F daN	1,06	0,89	0,68	0,55
	d mm	3,11	4,19	5,49	6,41
2.Max Shock	F daN	4,80	3,73	2,77	2,16
	d mm	10,13	12,08	15,06	18,15
3.Max Vibration	2a mm	1,11	1,33	1,66	2
	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
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