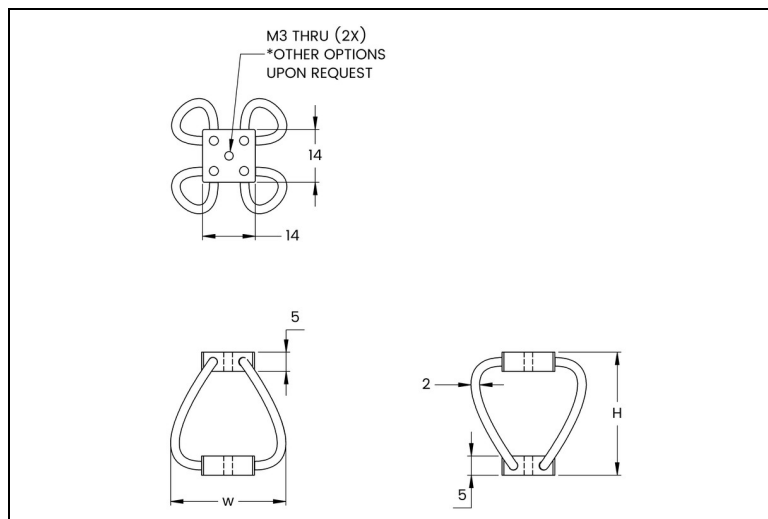


WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION
series MP3



- 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 millimeters. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
MP3
Cable: stainless steel
Retainer bars: aluminium alloy
Inserts: stainless steel

MODEL	height h (mm)	width u (mm)	width v (mm)	weight (kg)
-50	19	22	22	None
-60	23	24	24	None
-70	27	27	27	None
-90	30	33	33	None

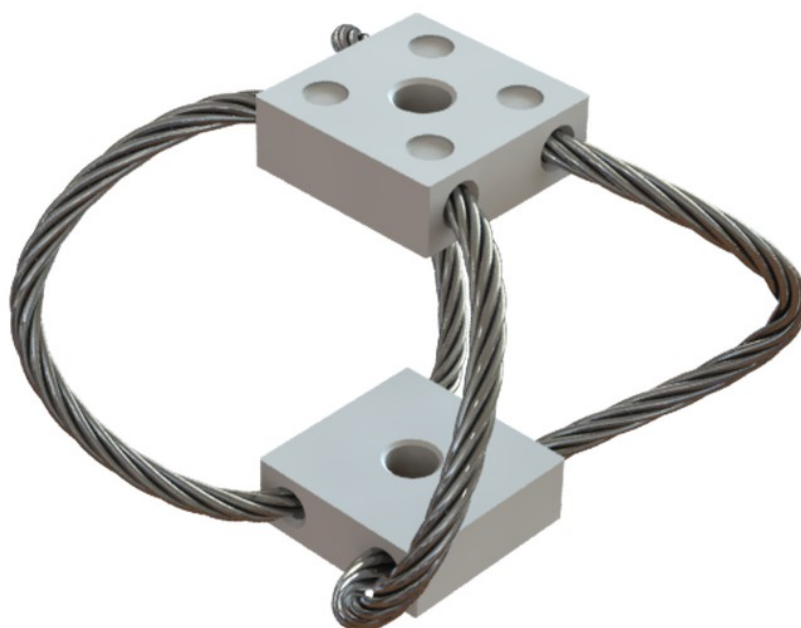
INTERFACES			
fixtures holes D	Bar 1		
	through hole ø 3,2mm	through hole ø 3,2mm counter-sunk 90°	threaded hole M3
Bar 2			
through hole ø 3,2mm	TM2	not standard	not standard
through hole ø 3,2mm countersunk 90°	TCM	CM2	not standard
threaded hole M3	TIM	CIM	IM2

Other interfaces on request

M P 3 - 5 0

SERIE: MP3
'Polycal' mount
from the MP3 series

MODEL: -50
height: 19mm
width: 22mm
weight: Nonekg



		COMPRESSION AND TENSION				
MP3 Series	Model	-50	-60	-70	-90	
1. Max Static	F daN	3,3	2,4	1,6	0,9	
	d mm	1,3	1,8	2,5	3,6	
2. Max Shock	F daN	9,9	7,1	4,7	2,8	
	d mm	8	11	15	18	
3. Max Vibration	2a mm	1,0	1,3	1,8	2,0	
	f Hz	14,0	11,0	10,0	9,0	
1. Max Static	F daN	3,3	2,4	1,6	0,9	
	d mm	1,0	1,3	1,8	2,5	
2. Max Shock	F daN	31,0	20,0	13,0	9,1	
	d mm	4	4	6	10	
3. Max Vibration	2a mm	0,5	0,5	0,8	1,0	
	f Hz	17,0	17,0	15,0	13,0	

		COMPRESSION/ROLL 45° - TENSION/ROLL 45°				
MP3 Series	Model	-50	-60	-70	-90	
1. Max Static	F daN	2,5	1,5	1,2	0,7	
	d mm	2,0	3,0	4,3	5,6	
2. Max Shock	F daN	5,9	4,1	2,8	1,7	
	d mm	12	18	23	27	
3. Max Vibration	2a mm	1,3	2,0	2,5	3,0	
	f Hz	12,0	10,0	8,0	7,0	
1. Max Static	F daN	2,5	1,8	1,2	0,7	
	d mm	1,5	2,0	2,5	3,8	
2. Max Shock	F daN	15,0	9,3	6,3	4,4	
	d mm	4	5	7	12	
3. Max Vibration	2a mm	0,5	0,5	0,8	1,3	
	f Hz	16,0	15,0	13,0	12,0	

		SHEAR OR ROLL				
MP3 Series	Model	-50	-60	-70	-90	
1. Max Static	F daN	1,7	1,2	0,8	0,5	
	d mm	2,5	4,1	5,8	7,1	
2. Max Shock	F daN	7,2	4,4	2,9	2,1	
	d mm	7	9	12	16	
3. Max Vibration	2a mm	0,8	1,0	1,3	1,8	
	f Hz	13,0	12,0	11,0	10,0	
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)						
<p>*IMPORTANT: Performance characteristics are given here for reference only. They can be increased under specific conditions. Contact us</p>						

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