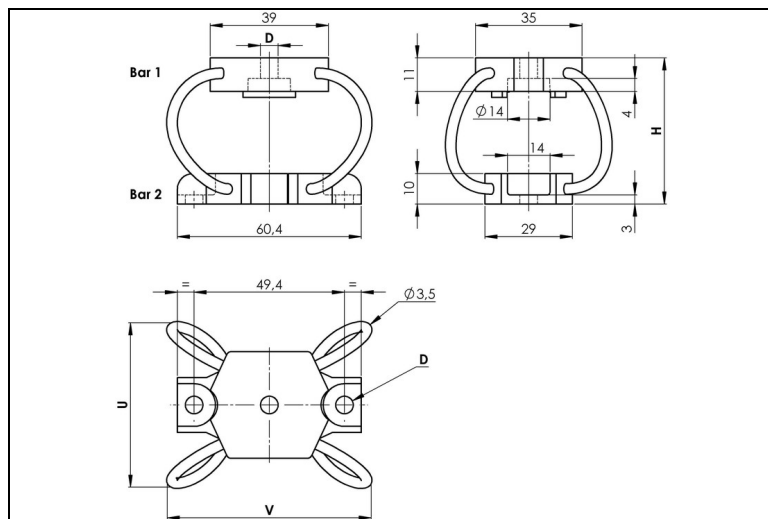


# WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION  
**series MP4**



- 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*

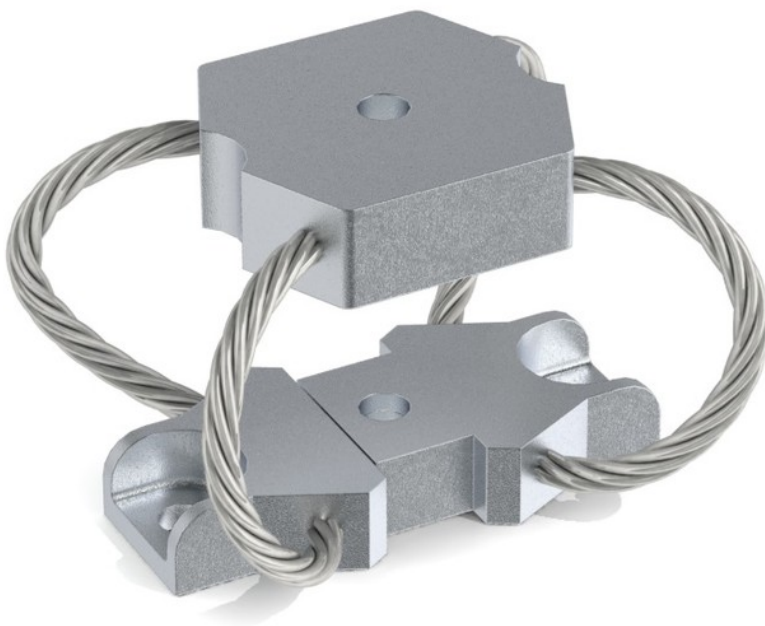
SERIES
Materials and finishes (meets RoHS requirements)
<b>MP4</b>
<b>Cable:</b> stainless steel
<b>Retainer bars:</b> aluminium alloy
<b>Inserts:</b> stainless steel

MODEL	height H (mm)	width U (mm)	width V (mm)	weight (kg)
-90	40	47	57	0,07
-120	48	53	64	0,07
-145	56	59	68	0,08
-195	72	69	80	0,09

INTERFACES	
fixtures holes D	
Bar 1	1 through hole ø5,8 mm (option: Insert M8)
Bar 2	2 through holes ø5,8 mm

**M P 4 - 9 0**

SERIE: MP4      MODEL: -90  
 'Polycal' mount      height: 40mm  
 from the MP4 series      width: 47mm  
    weight: 0,07kg



COMPRESSION AND TENSION		MP4 Series	Model	-90	-120	-145	-195
1. Max Static	F daN			2,8	2,4	1,6	1,0
	d mm			3,1	4,3	6,0	8,4
2. Max Shock	F daN			8,4	7,3	4,7	3,1
	d mm			15	24	31	45
3. Max Vibration	2a mm			1,7	2,7	3,5	5,0
	f Hz			10,0	7,2	6,6	5,3
1. Max Static	F daN			2,8	2,4	1,6	1,0
	d mm			2,5	3,0	4,2	5,8
2. Max Shock	F daN			33,1	21,9	15,4	9,6
	d mm			12	11	17	23
3. Max Vibration	2a mm			1,4	1,3	2,0	2,6
	f Hz			12,7	11,9	9,9	8,5

COMPRESSION/ROLL 45° - TENSION/ROLL 45°		MP4 Series	Model	-90	-120	-145	-195
1. Max Static	F daN			2,1	1,8	1,2	0,8
	d mm			4,6	6,2	8,6	12,2
2. Max Shock	F daN			5,7	4,6	3,1	2,0
	d mm			22	36	47	68
3. Max Vibration	2a mm			2,5	4,0	5,2	7,6
	f Hz			8,5	6,2	5,6	4,5
1. Max Static	F daN			2,1	1,8	1,2	0,8
	d mm			3,3	4,0	5,7	7,9
2. Max Shock	F daN			16,6	10,8	7,6	4,7
	d mm			14	13	20	26
3. Max Vibration	2a mm			1,6	1,5	2,2	2,9
	f Hz			11,4	10,6	8,8	7,6

SHEAR OR ROLL		MP4 Series	Model	-90	-120	-145	-195
1. Max Static	F daN			1,4	1,2	0,8	0,5
	d mm			4,1	6,9	9,0	13,4
2. Max Shock	F daN			8,0	5,0	3,5	2,1
	d mm			16	20	28	39
3. Max Vibration	2a mm			1,8	2,2	3,1	4,4
	f Hz			9,5	8,2	7,0	5,9

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)

**\*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