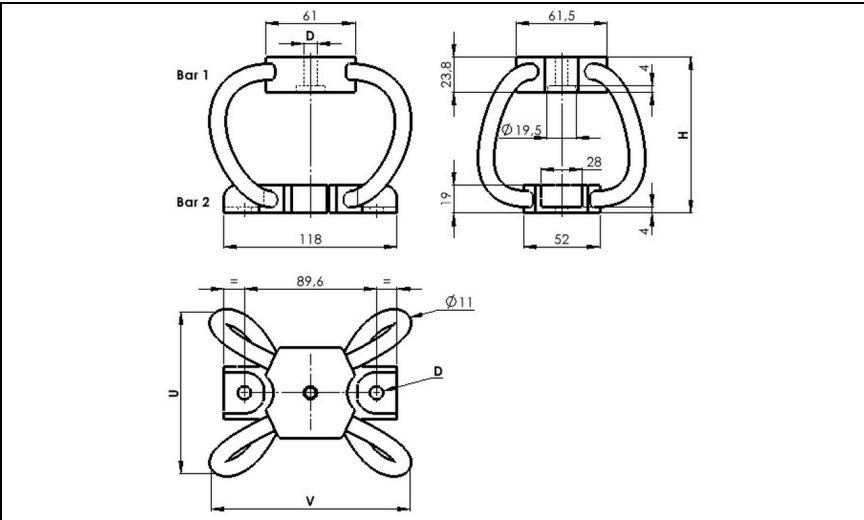


WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION
series **MP48**



- 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)
MP48
Cable: stainless steel
Retainer bars: aluminium alloy
Inserts: stainless steel

MODEL	height H (mm)	width U (mm)	width V (mm)	weight (kg)
-62	75	88	114	0.58
-68	84	91	122	0.60
-72	92	99	128	0.62
-74	106	110	135	0.66
-82	127	127	147	0.73

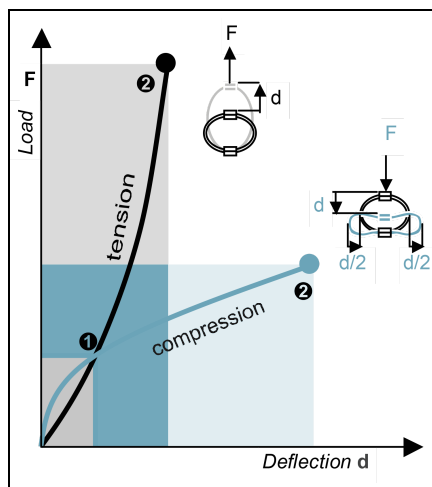
INTERFACES	Bar 1
fixtures holes D	1 through hole ø 9 mm (option: M12 insert)
Bar 2	
1 through hole ø9 mm (option:Insert M12)	

M	P	4	8	-	6	2
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SERIE: MP48
'Polycal' mount from the
MP48 series

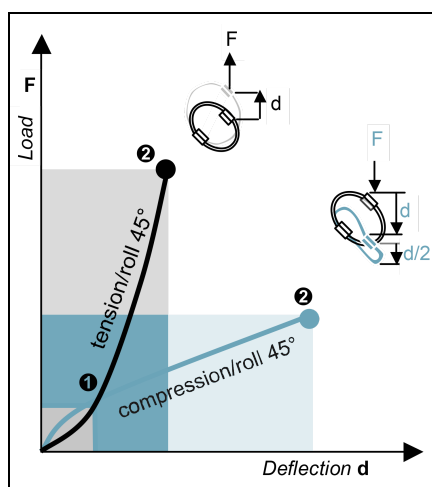
MODEL: -62
height: 75mm
width: 88mm
weight: 0.58kg





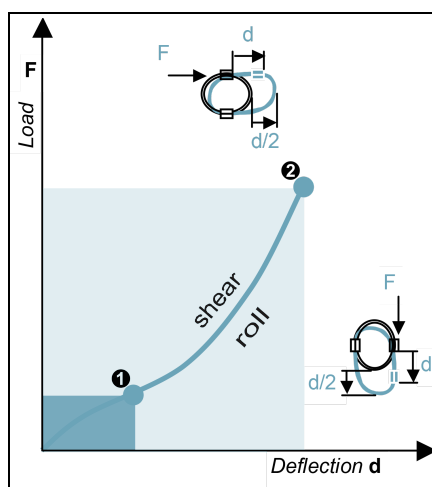
COMPRESSION AND TENSION

MP48 Series	Model	-62	-68	-72	-74	-82
1.Max Static	F daN	52.1	45.3	35.6	33.6	24.8
	d mm	5.5	7	8.3	10.6	14.1
2.Max Shock	F daN	156	136	106	100	74.3
	d mm	29	37	45	57	76
3.Max Vibration	2a mm	3.3	4.2	5	6.3	8.4
	f Hz	8.3	7.4	6.8	6.1	5.3
1.Max Static	F daN	52.1	45.3	35.6	33.6	24.8
	d mm	5.3	6.2	7.2	8.4	10.3
2.Max Shock	F daN	674	533	406	348	241
	d mm	28	30	35	37	43
3.Max Vibration	2a mm	3.2	3.4	3.9	4.1	4.8
	f Hz	9.5	9	8.4	7.9	7.3



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP48 Series	Model	-62	-68	-72	-74	-82
1.Max Static	F daN	39.1	34	26.7	25.2	18.6
	d mm	8.6	9.5	11.6	15.7	17.9
2.Max Shock	F daN	106	91.5	71.4	66.3	48.3
	d mm	44	56	67	86	114
3.Max Vibration	2a mm	4.9	6.2	7.4	9.5	12.6
	f Hz	6.2	5.6	5.1	4.5	4
1.Max Static	F daN	39.1	34	26.7	25.2	18.6
	d mm	6.2	7.2	9.3	10.4	12.9
2.Max Shock	F daN	340	267	203	173	119
	d mm	32	35	40	42	49
3.Max Vibration	2a mm	3.6	3.9	4.4	4.7	5.5
	f Hz	7.7	7.2	6.8	6.4	5.9



SHEAR OR ROLL

MP48 Series	Model	-62	-68	-72	-74	-82
1.Max Static	F daN	26.1	22.7	17.8	16.8	12.4
	d mm	10.1	12.4	15.6	19.3	25.2
2.Max Shock	F daN	120	100	79.5	72.6	50.2
	d mm	35	41	47	55	69
3.Max Vibration	2a mm	3.9	4.5	5.2	6.1	7.6
	f Hz	6.5	5.9	5.5	5.1	4.5

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