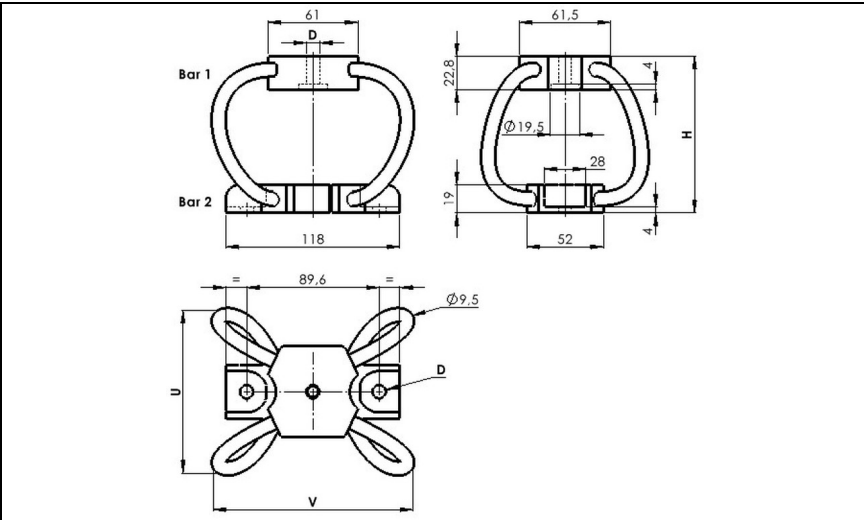


WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION
series MP44



- 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)
MP44
Cable: stainless steel
Retainer bars: aluminium alloy
Inserts: stainless steel

MODEL	height H (mm)	width U (mm)	width V (mm)	weight (kg)
-62	77	90	116	0.53
-68	84	91	122	0.54
-72	90	96	125	0.56
-74	102	106	135	0.58
-82	128	128	146	0.65

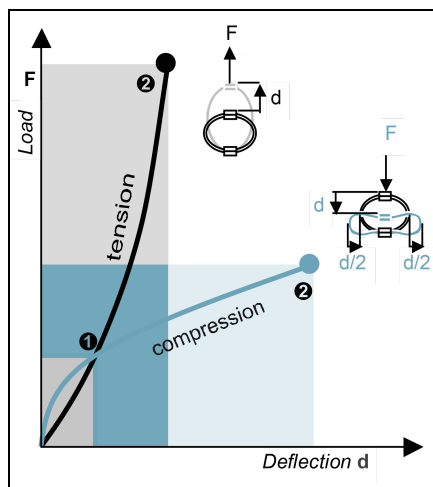
INTERFACES	Bar 1
fixtures holes D	
Bar 2	
1 through hole ø9 mm (option: Insert M12)	

M	P	4	4	-	6	2
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SERIE: MP44
'Polycal' mount from the
MP44 series

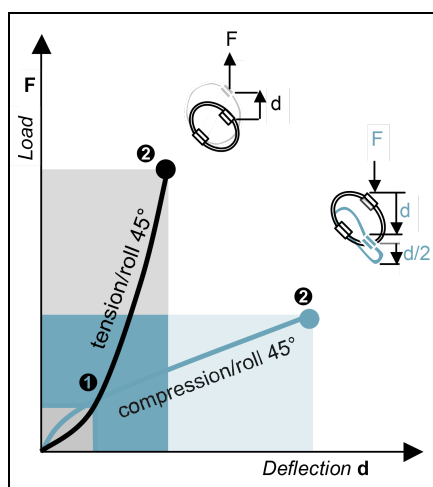
MODEL: -62
height: 77mm
width: 90mm
weight: 0.53kg





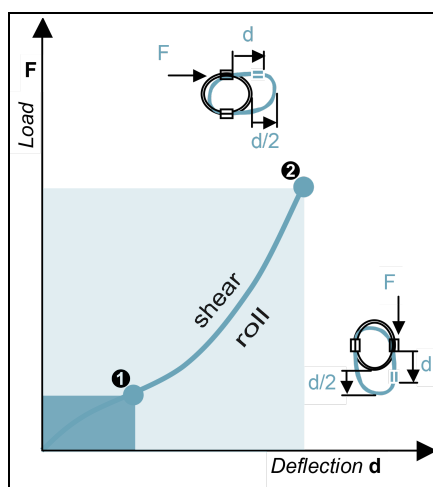
COMPRESSION AND TENSION

MP44 Series	Model	-62	-68	-72	-74	-82
1.Max Static	F daN	31.7	25.8	23.6	22.1	13.2
	d mm	6	7.1	8.1	10.1	14.4
2.Max Shock	F daN	95	77.4	70.7	66.2	39.6
	d mm	32	38	44	54	78
3.Max Vibration	2a mm	3.6	4.3	4.8	6	8.6
	f Hz	8	7.3	6.9	6.3	5.2
1.Max Static	F daN	31.7	25.8	23.6	22.1	13.2
	d mm	5.3	6.4	7	7.2	10
2.Max Shock	F daN	372	305	266	211	123
	d mm	26	32	33	30	40
3.Max Vibration	2a mm	2.9	3.5	3.7	3.3	4.5
	f Hz	9.7	8.8	8.5	8.7	7.4



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP44 Series	Model	-62	-68	-72	-74	-82
1.Max Static	F daN	23.8	19.3	17.7	16.6	9.9
	d mm	8.2	9.7	11.4	13	19
2.Max Shock	F daN	63.9	52.1	47.3	42.9	25.5
	d mm	48	58	66	82	117
3.Max Vibration	2a mm	5.4	6.4	7.3	9.1	12.9
	f Hz	6	5.5	5.2	4.7	3.9
1.Max Static	F daN	23.8	19.3	17.7	16.6	9.9
	d mm	6.2	7.5	8.8	8.8	13.2
2.Max Shock	F daN	186	153	133	104	61
	d mm	30	36	38	34	46
3.Max Vibration	2a mm	3.3	4	4.2	3.8	5.1
	f Hz	7.8	7.1	6.9	7	6



SHEAR OR ROLL

MP44 Series	Model	-62	-68	-72	-74	-82
1.Max Static	F daN	15.8	12.9	11.8	11	6.6
	d mm	11.7	13.7	16	18	26.1
2.Max Shock	F daN	67.9	55.1	49.3	42.1	25.1
	d mm	35	42	46	49	68
3.Max Vibration	2a mm	3.9	4.7	5.1	5.4	7.5
	f Hz	6.4	5.8	5.6	5.4	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