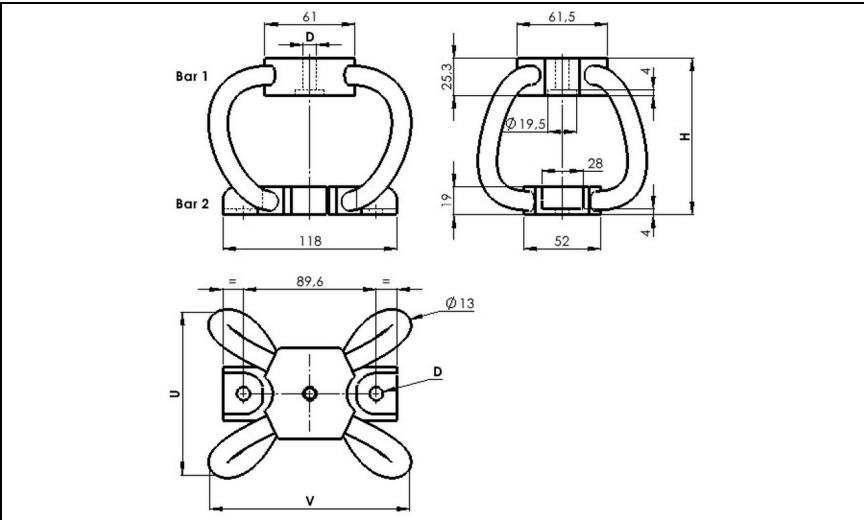


WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION
series **MP56**



- 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)
MP56
Cable: stainless steel
Retainer bars: aluminium alloy
Inserts: stainless steel

MODEL	height H (mm)	width U (mm)	width V (mm)	weight (kg)
-62	77	93	114	0.60
-68	85	97	121	0.68
-72	92	106	131	0.75
-74	103	110	140	0.82
-82	128	128	152	0.98
-88	154	150	172	1

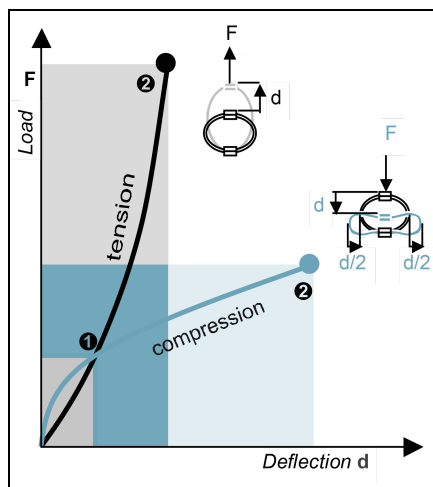
INTERFACES	
fixtures holes D	Bar 1
Bar 2	
1 through hole ø9 mm (option: Insert M12)	

M	P	5	6	-	6	2
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SERIE: MP56
'Polycal' mount from the
MP56 series

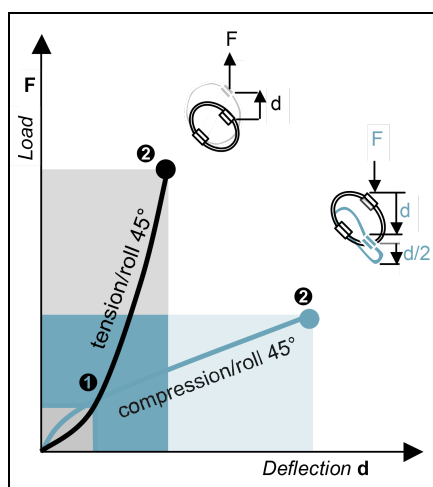
MODEL: -62
height: 77mm
width: 93mm
weight: 0.60kg





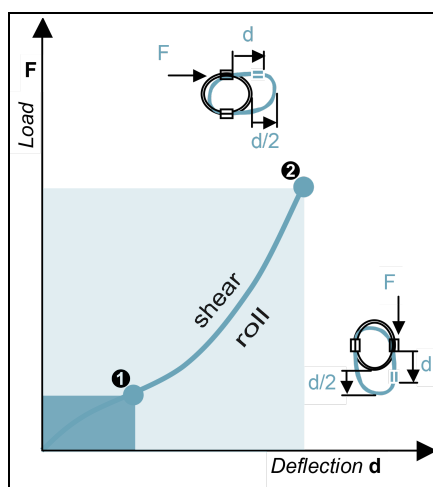
COMPRESSION AND TENSION

MP56 Series	Model	-62	-68	-72	-74	-82	-88
1.Max Static	F daN	89.7	78.2	65.3	54.6	42.5	29.3
	d mm	5.6	6.9	8	9.9	14	18.4
2.Max Shock	F daN	269	234	195	163	127	87.8
	d mm	30	37	43	53	76	99
3.Max Vibration	2a mm	3.3	4.1	4.8	5.9	8.4	10.9
	f Hz	8.2	7.4	6.9	6.2	5.3	4.6
1.Max Static	F daN	89.7	78.2	65.3	54.6	42.5	29.3
	d mm	5.4	6.3	7.3	8.7	10.5	13.9
2.Max Shock	F daN	1156	937	785	631	422	292
	d mm	28	31	37	42	45	60
3.Max Vibration	2a mm	3.2	3.5	4.1	4.7	5	6.6
	f Hz	9.4	8.9	8.2	7.6	7.1	6.2



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP56 Series	Model	-62	-68	-72	-74	-82	-88
1.Max Static	F daN	67.2	58.6	49	41	31.8	21.9
	d mm	8.7	11.2	13.1	13.6	17.5	22.8
2.Max Shock	F daN	183	158	132	109	83.2	57.4
	d mm	45	56	65	80	114	149
3.Max Vibration	2a mm	5	6.2	7.2	8.8	12.6	16.4
	f Hz	6.1	5.5	5.1	4.7	4	3.5
1.Max Static	F daN	67.2	58.6	49	41	31.8	21.9
	d mm	6.3	7.5	8.8	11.4	13.8	16
2.Max Shock	F daN	582	470	394	316	209	145
	d mm	33	36	42	48	51	68
3.Max Vibration	2a mm	3.6	4	4.7	5.4	5.7	7.6
	f Hz	7.6	7.2	6.6	6.2	5.8	5



SHEAR OR ROLL

MP56 Series	Model	-62	-68	-72	-74	-82	-88
1.Max Static	F daN	44.8	39.1	32.7	27.3	21.2	14.6
	d mm	10.6	13.1	14.9	18.8	24.1	33
2.Max Shock	F daN	214	180	150	123	89.6	59.5
	d mm	35	41	48	57	70	92
3.Max Vibration	2a mm	3.9	4.6	5.3	6.3	7.8	10.2
	f Hz	6.5	6	5.5	5	4.5	3.9

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

