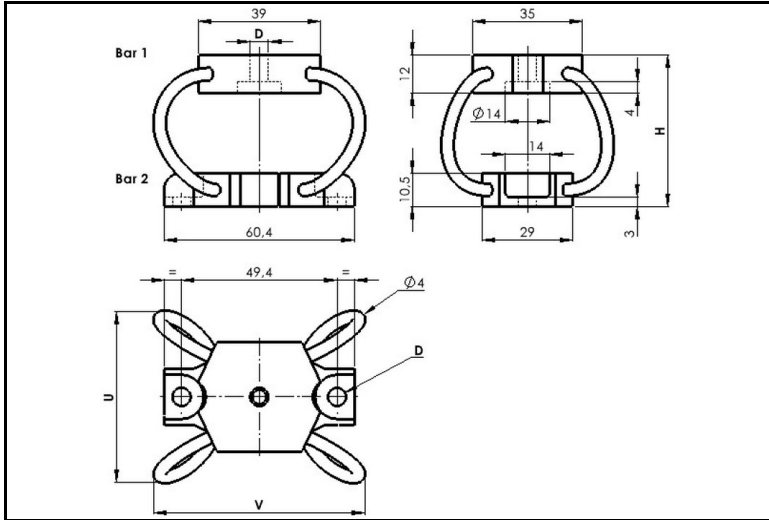


WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION
series MP5



- 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)
MP5
Cable: stainless steel
Retainer bars: aluminium alloy
Inserts: stainless steel

MODEL	height H (mm)	width U (mm)	width V (mm)	weight (kg)
-90	39	47	58	0,07
-120	48	54	67	0,08
-145	57	59	69	0,09
-195	73	69	81	0,10

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

M	P	5	-	9	0
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SERIE: MP5

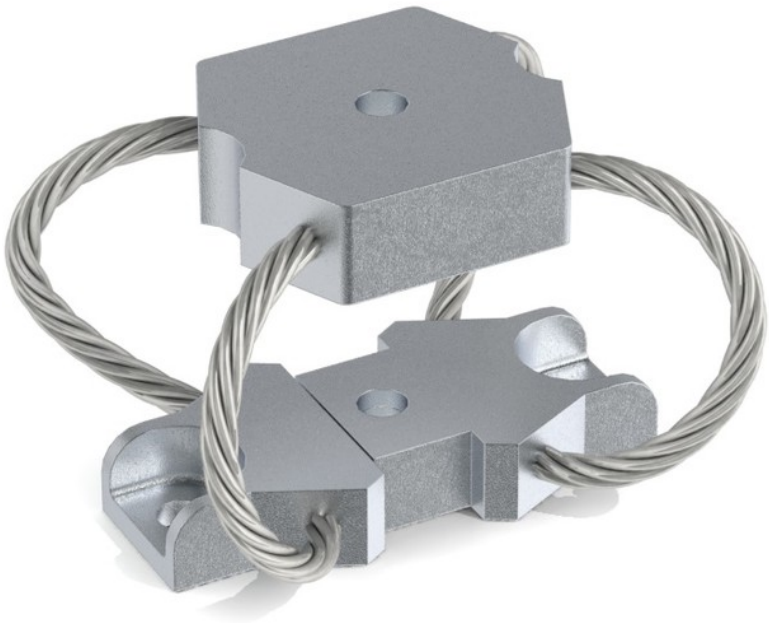
'Polycal' mount from
the MP5 series

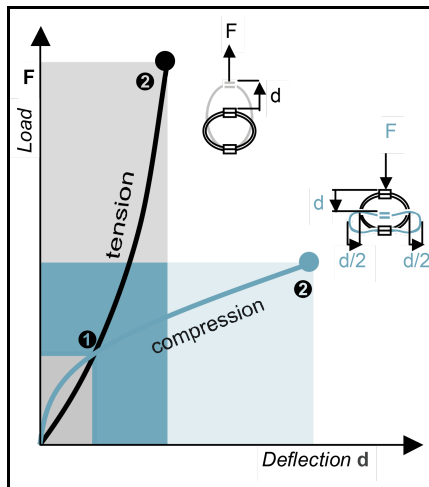
MODEL: -90

height: 39mm

width: 47mm

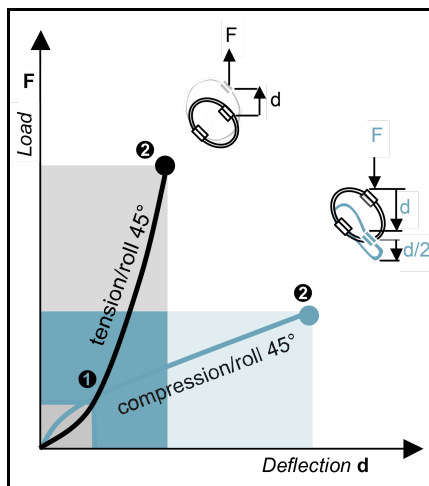
weight: 0,07kg





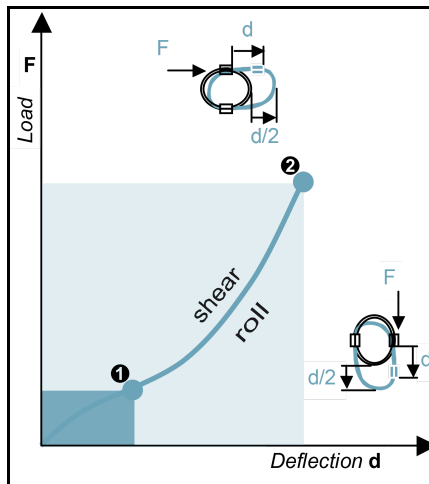
COMPRESSION AND TENSION

MP5 Series	Model	-90	-120	-145	-195
1.Max Static	F daN	4,9	3,5	2,8	1,8
	d mm	2,8	4,5	5,8	8,4
2.Max Shock	F daN	14,6	10,6	8,3	5,4
	d mm	15	24	31	45
3.Max Vibration	2a mm	1,7	2,7	3,5	5
	f Hz	11,6	9,3	8,2	6,9
1.Max Static	F daN	4,9	3,5	2,8	1,8
	d mm	2,5	3,5	4,2	5,8
2.Max Shock	F daN	57	35,9	26,7	16,8
	d mm	12	15	17	23
3.Max Vibration	2a mm	1,4	1,7	2	2,6
	f Hz	14,1	12,4	11,3	9,8



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP5 Series	Model	-90	-120	-145	-195
1.Max Static	F daN	3,6	2,6	2,1	1,4
	d mm	3,9	5,5	7,4	11,3
2.Max Shock	F daN	9,8	6,9	5,4	3,5
	d mm	22	36	47	68
3.Max Vibration	2a mm	2,5	4	5,2	7,6
	f Hz	8,7	7,1	6,2	5,1
1.Max Static	F daN	3,6	2,6	2,1	1,4
	d mm	2,9	4,1	5,3	7,4
2.Max Shock	F daN	28,6	17,9	13,3	8,3
	d mm	14	17	20	26
3.Max Vibration	2a mm	1,6	1,9	2,2	2,9
	f Hz	11,4	10	9,2	8



SHEAR OR ROLL

MP5 Series	Model	-90	-120	-145	-195
1.Max Static	F daN	2,4	1,8	1,4	0,9
	d mm	5,3	8,3	10,8	15,5
2.Max Shock	F daN	9,8	6,8	5,2	3,3
	d mm	16	23	28	39
3.Max Vibration	2a mm	1,8	2,5	3,1	4,4
	f Hz	9,2	7,8	7	5,8

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

