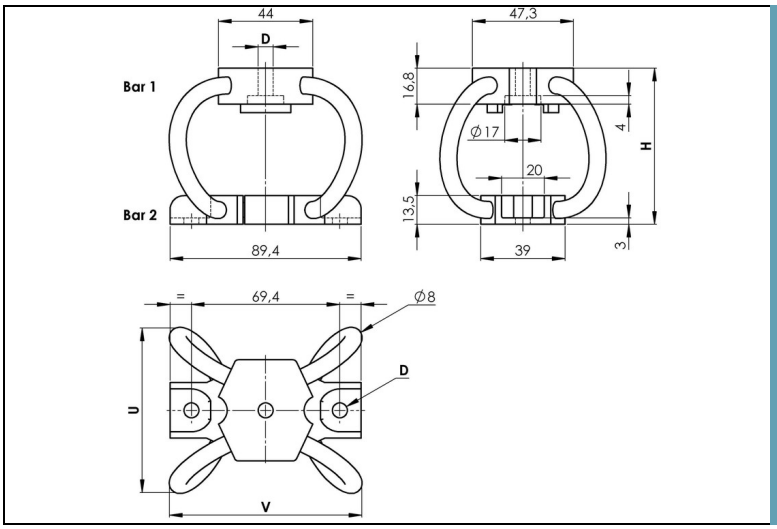
WIRE ROPE ISOLATOR: 'POLYCAL'



- 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 milimeters. For reference only

SERIES

Materials and finishes (meets RoHS requirements)

MP10

Cable:
stainless steel

Retainer bars:
aluminium alloy

Inserts:
stainless steel

MODEL

	height H (mm)	width U (mm)	width V (mm)	weight (kg)
-125	55	65	82	0,22
-145	62	71	89	0,23
-180	74	79	93	0,25
-230	87	86	103	0,26
-280	104	99	116	0,28

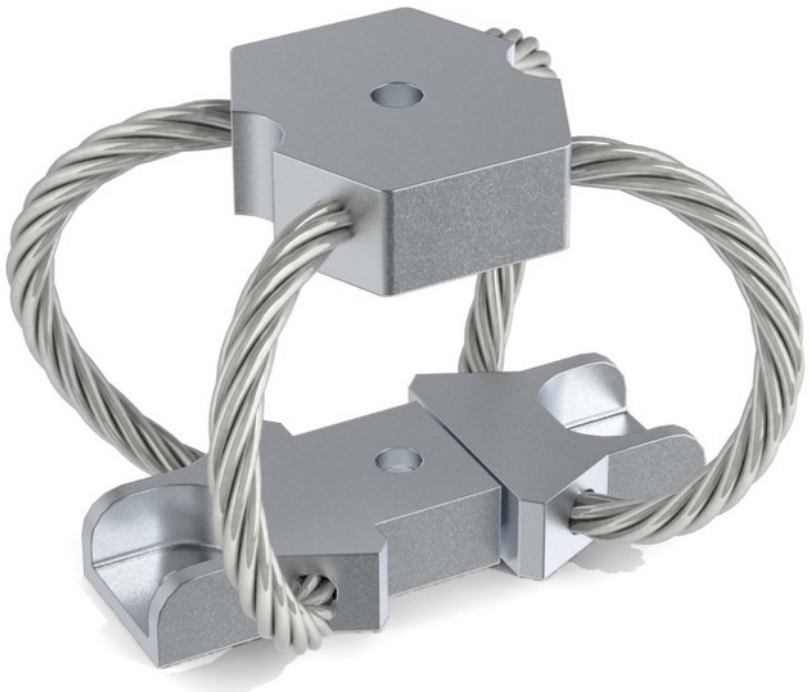
INTERFACES

fixtures holes D	
Bar 1	1 through hole ø7 mm (option: Insert M10)
Bar 2	2 through holes ø7 mm

M	P	1	0	-	1	2	5

SERIE: MP10
'Polycal' mount from the MP10 series

MODEL: -125
height: 55mm
width: 65mm
weight: 0,22kg



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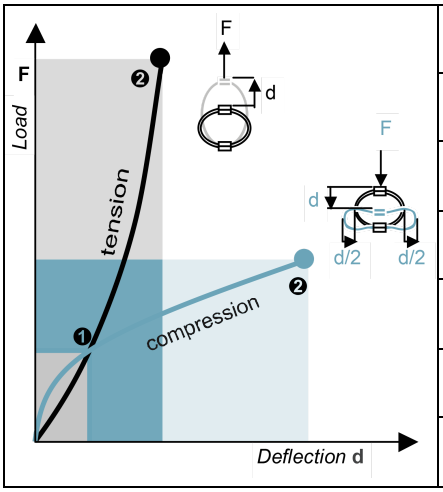
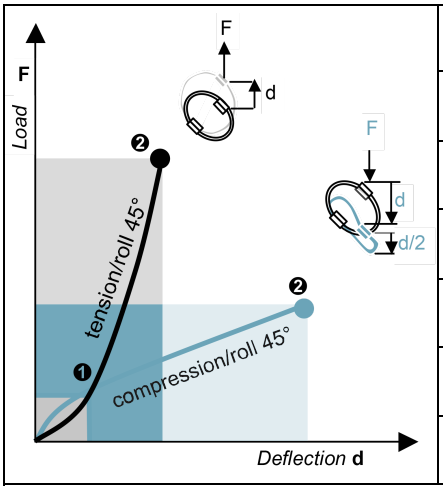


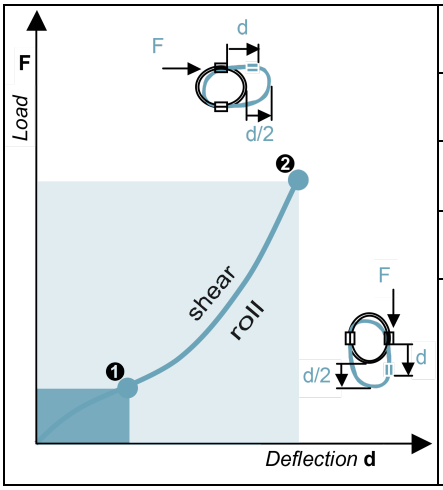
COMPRESSION AND TENSION

MP10 Series	Model	-125	-145	-180	-230	-280
1. Max Static	F daN	33,9	28,0	22,7	17,8	12,5
	d mm	3,5	4,9	7,4	9,1	11,8
2. Max Shock	F daN	101	84,1	68,2	53,2	37,6
	d mm	22	28	39	51	66
3. Max Vibration	2a mm	2,5	3,2	4,3	5,6	7,3
	f Hz	8,4	7,2	5,8	5,0	4,4
1. Max Static	F daN	33,9	28,0	22,7	17,8	12,5
	d mm	3,5	4,3	5,2	6,2	8,1
2. Max Shock	F daN	386	301	216	160	113
	d mm	17	19	21	24	32
3. Max Vibration	2a mm	1,9	2,2	2,4	2,7	3,5
	f Hz	10,7	9,8	9,0	8,2	7,2



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP10 Series	Model	-125	-145	-180	-230	-280
1. Max Static	F daN	25,5	21,0	17,1	13,3	9,4
	d mm	6,5	8,1	10,3	12,9	16,9
2. Max Shock	F daN	68,3	55,8	44,1	34,0	24,0
	d mm	33	42	59	76	99
3. Max Vibration	2a mm	3,7	4,7	6,5	8,4	11,0
	f Hz	7,0	6,1	5,0	4,3	3,8
1. Max Static	F daN	25,5	21,0	17,1	13,3	9,4
	d mm	4,6	5,6	6,9	8,3	10,9
2. Max Shock	F daN	193	150	107	79,1	55,7
	d mm	19	22	24	28	36
3. Max Vibration	2a mm	2,2	2,5	2,7	3,1	4,0
	f Hz	9,6	8,7	8,0	7,3	6,4



SHEAR OR ROLL

MP10 Series	Model	-125	-145	-180	-230	-280
1. Max Static	F daN	17,0	14,0	11,4	8,9	6,3
	d mm	6,0	7,8	11,0	18,4	28,9
2. Max Shock	F daN	94,4	71,8	49,9	36,0	25,2
	d mm	23	28	35	43	56
3. Max Vibration	2a mm	2,6	3,1	3,9	4,8	6,2
	f Hz	7,9	7,1	6,3	5,6	4,9

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