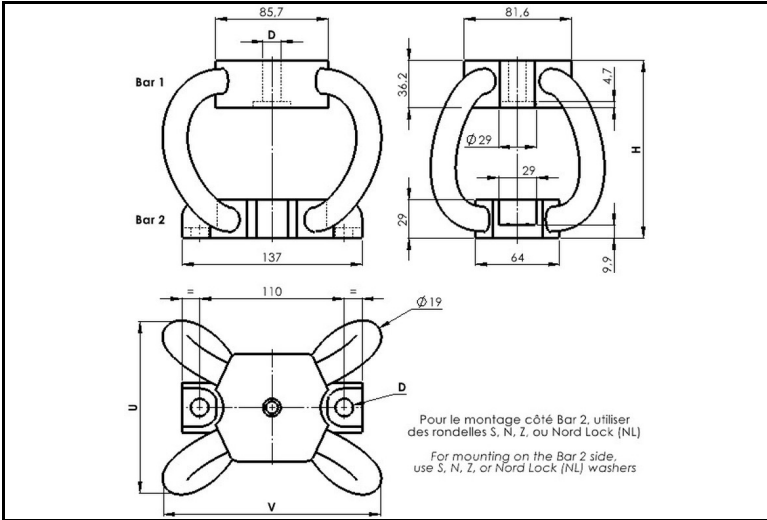


WIRE ROPE ISOLATOR: 'POLYCAL'

DEFINITION
series MP16



- 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)
MP16
Cable: stainless steel
Retainer bars: aluminium alloy
Inserts: stainless steel

MODEL	height H (mm)	width U (mm)	width V (mm)	weight (kg)
-315	130	138	174	2,2
-375	149	151	195	2,3
-415	164	160	204	2,4
-515	194	183	219	2,7
-615	224	205	237	3

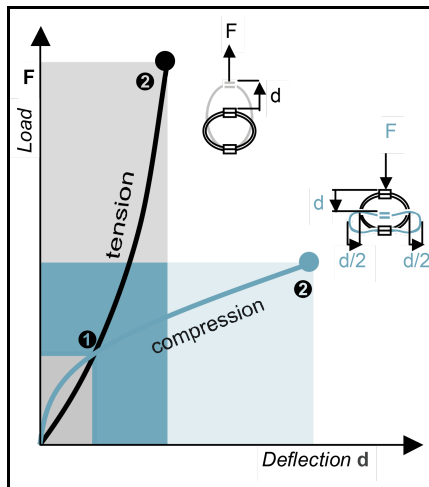
INTERFACES	
fixtures holes D	Bar 1
Bar 2	
1 through hole ø13,5 mm (option:Insert M16	Bar 1

M	P	1	6	-	3	1	5
---	---	---	---	---	---	---	---

SERIE: MP16
'Polycal' mount from the
MP16 series

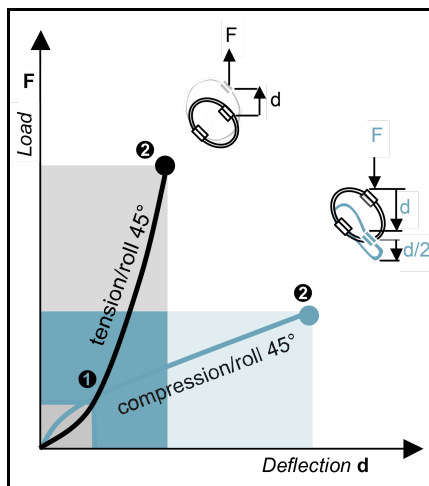
MODEL: -315
height: 130mm
width: 138mm
weight: 2,2kg





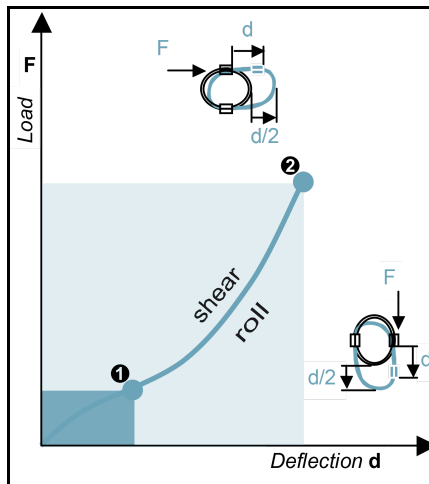
COMPRESSION AND TENSION

MP16 Series	Model	-315	-375	-415	-515	-615
1.Max Static	F daN	140	114	100	79,3	60,6
	d mm	10,9	14,4	16,5	21,5	26,5
2.Max Shock	F daN	421	344	302	237	181
	d mm	59	77	89	116	143
3.Max Vibration	2a mm	6,5	8,6	9,9	12,8	15,8
	f Hz	5,9	5,2	4,9	4,3	3,9
1.Max Static	F daN	140	114	100	79,3	60,6
	d mm	9,6	11,6	12,9	15,5	18,8
2.Max Shock	F daN	1630	1216	1036	761	577
	d mm	47	52	57	64	78
3.Max Vibration	2a mm	5,2	5,8	6,3	7,1	8,6
	f Hz	7,2	6,7	6,4	5,9	5,4



COMPRESSION/ROLL 45° - TENSION/ROLL 45°

MP16 Series	Model	-315	-375	-415	-515	-615
1.Max Static	F daN	105	86	75,6	59,4	45,4
	d mm	15	20,9	24,6	27,6	34,3
2.Max Shock	F daN	283	227	198	154	117
	d mm	88	116	134	174	215
3.Max Vibration	2a mm	9,7	12,9	14,8	19,2	23,7
	f Hz	4,4	3,9	3,6	3,2	2,9
1.Max Static	F daN	105	86	75,6	59,4	45,4
	d mm	10,8	14,9	15,7	19	22,8
2.Max Shock	F daN	817	606	516	377	286
	d mm	54	60	65	73	89
3.Max Vibration	2a mm	5,9	6,6	7,2	8,1	9,8
	f Hz	5,8	5,4	5,2	4,8	4,4



SHEAR OR ROLL

MP16 Series	Model	-315	-375	-415	-515	-615
1.Max Static	F daN	70,3	57,3	50,4	39,6	30,3
	d mm	19,6	25,1	27,4	35,6	46
2.Max Shock	F daN	317	249	216	165	123
	d mm	63	76	85	104	127
3.Max Vibration	2a mm	7	8,4	9,4	11,5	14
	f Hz	4,8	4,3	4,1	3,7	3,3

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