

- All metal multidirectional anti-vibration/shock mounts
- Exceptional reliability and long life
- High damping
- No aging
- Corrosion resistant
- Unequaled temperature range: - 180°C to 300°C (- 290°F to 570°F)
- Great adaptability/versatility

Dimensions are in inches. For reference only

SERIES
Materials and finishes (meets RoHS requirements)
MP20
Cable: stainless steel
Retainer bars: aluminium alloy
Inserts: stainless steel

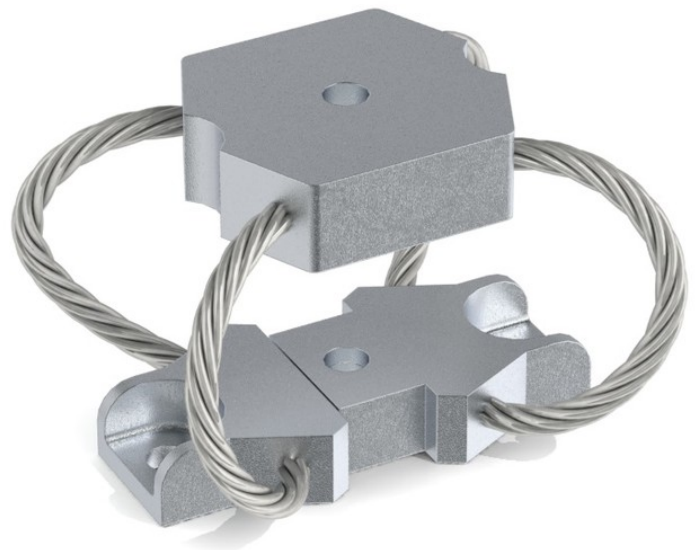
MODEL	height h (in)	width u (in)	width v (in)	weight (lbs)
-54	1.5	1.9	2.3	0.15
-56	1.9	2.1	2.6	0.18
-60	2.2	2.3	2.7	0.20
-66	2.9	2.7	3.2	0.22

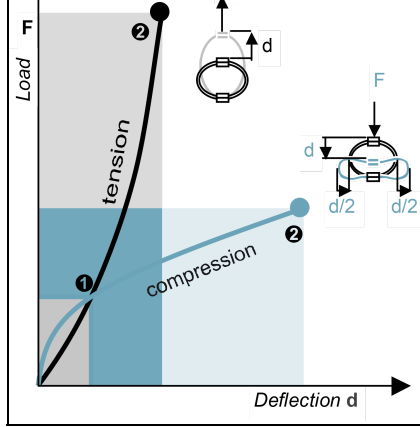
INTERFACES	
fixtures holes D	
no suffix	1 through hole ϕ 0.23 in (optional 5/16 - 18 insert)
	2 through holes ϕ 0.23 in

M P 2 0 - 5 4

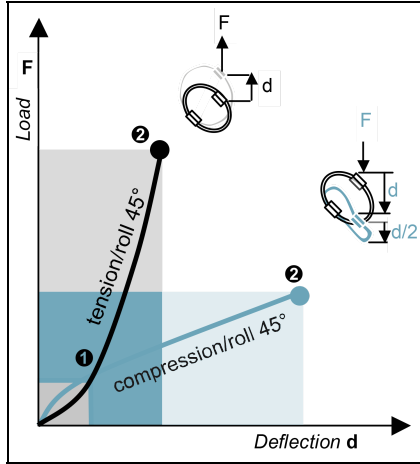
SERIE: MP20
'Polycal' mount from the MP20 series

MODEL: -54
height: 1.5in
width: 1.9in
weight: 0.15lbs

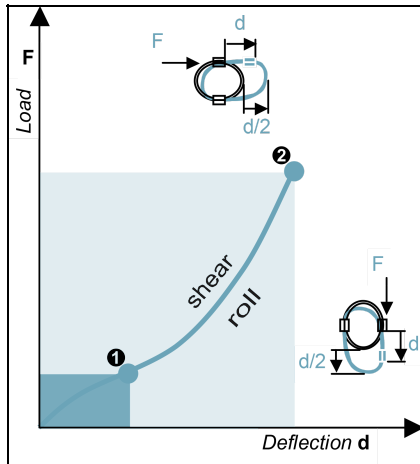




MP20 Series	Model	-54	-56	-60	-66
1. Max Static	F lbf	11	8.0	6.2	4.1
	d in	0.11	0.19	0.24	0.33
2. Max Shock	F lbf	33	24	19	12
	d in	0.60	0.96	1.2	1.8
3. Max Vibration	2a in	0.07	0.11	0.14	0.20
	f Hz	10.0	7.6	6.6	5.3
1. Max Static	F lbf	11	8.0	6.2	4.1
	d in	0.10	0.14	0.17	0.23
2. Max Shock	F lbf	130	81	61	38
	d in	0.49	0.60	0.70	0.92
3. Max Vibration	2a in	0.05	0.07	0.08	0.10
	f Hz	12.8	11.0	9.9	8.5



COMPRESSION/ROLL 45° - TENSION/ROLL 45°					
MP20 Series	Model	-54	-56	-60	-66
1. Max Static	F lbf	8.3	6.0	4.7	3.1
	d in	0.16	0.28	0.39	0.60
2. Max Shock	F lbf	21	15	11	7.4
	d in	0.90	1.4	1.9	2.7
3. Max Vibration	2a in	0.10	0.16	0.20	0.30
	f Hz	8.5	6.4	5.5	4.4
1. Max Static	F lbf	8.3	6.0	4.7	3.1
	d in	0.15	0.21	0.26	0.35
2. Max Shock	F lbf	63	39	29	18
	d in	0.56	0.68	0.80	1.0
3. Max Vibration	2a in	0.06	0.08	0.09	0.11
	f Hz	11.6	10.0	9.0	7.7



SHEAR OR ROLL					
MP20 Series	Model	-54	-56	-60	-66
1. Max Static	F lbf	5.5	4.0	3.1	2.0
	d in	0.21	0.37	0.50	0.79
2. Max Shock	F lbf	32	19	14	8.5
	d in	0.65	0.91	1.1	1.6
3. Max Vibration	2a in	0.07	0.10	0.12	0.17
	f Hz	9.8	8.2	7.4	6.3

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