



## ELASTOMER STUD MOUNTS

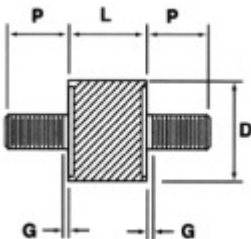


- Small Mounts From 8mm to 12mm.
- Very Soft High Damping Viscoelastic.
- High Damping Elastomer Just Shore A 24 Durometer.
- Soft, Pliable, Physically Strong.
- Imperial Thread.

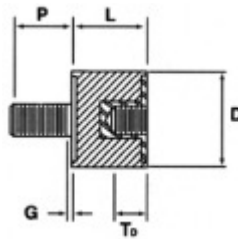
Larger PCBs, disk drives, optical drives, small motors, small pumps and lightweight electronic 'boxes' often need small compact mounting solutions in traditional stud or sandwich mount configuration. Small compact mounting solutions in traditional stud or sandwich mount configuration. Male/ Male, male/blank, female/blank configurations also available. Made of very high damping urethanes which can outperform traditional rubber mounts and are compact enough for narrow space enclosures.

V material range is much softer than traditional rubber sandwich mounts at Shore A 24. Able to vibration damp very light loads. Low durometer also provides a low natural frequency down to 17Hz. Can effectively isolate lower frequency vibration - 25 hz + whilst still providing good damping at resonance to control large deflections under shock loads. Our H material stud mount range is made of tough highly damped polyurethane thermoset.

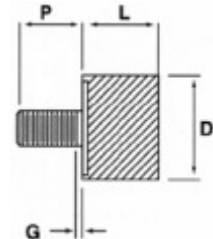
These provide high performance damping, isolation and shock and motion control in more demanding electronic environments. This material achieves loss factors in excess of 2.0 ensuring high performance in critical applications.



Male ~ Male Configuration (MM Series)



Male ~ Female Configuration (MF Series)



Male ~ Blank Configuration (MB Series)

### Gelmecc UK

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## ELASTOMER STUD MOUNTS

### Male - Male Parts:

Part Number	Load (lbs)	Dimensions		Metal Insert				
	Maximum Compressive	D Diam. (in)	L Length (in)	Type	P Overall Height	G Grip (in)	TD Depth (in)	Hardness ASTM D2240 (Shore A Durometer)
MM - 100 - C04 - H	4.0	0.275	0.320	#4 - 40	0.200	0.060	n/a	58
MM - 100 - C04 - SL20100	0.5	0.280	0.320	#4 - 40	0.200	0.060	n/a	21
MM - 200 - C08 - H	8.0	0.400	0.500	#8 - 32	0.375	0.060	n/a	58
MM - 200 - C08 - SL20100	1.0	0.405	0.500	#8 - 32	0.375	0.060	n/a	21
MM - 200 - C08 - H	8.0	0.400	0.500	#8 - 32	0.375	0.060	n/a	58
MM - 200 - C08 - SL20100	1.0	0.400	0.500	#8 - 32	0.375	0.060	n/a	21
MM - 300 - C25 - H	20.0	0.615	0.625	1/4 - 20	0.500	0.100	n/a	58
MM - 400 - C31 - H	50.0	1.000	0.750	5/16 - 18	0.625	0.100	n/a	58

### Male - Female Parts:

Part Number	Load (lbs)	Dimensions		Metal Insert				
	Maximum Compressive	D Diam. (in)	L Length (in)	Type	P Overall Height	G Grip (in)	TD Depth (in)	Hardness ASTM D2240 (Shore A Durometer)
MF - 100 - C04 - H	2.0	0.275	0.320	#4 - 40	0.200	0.060	0.110	58
MF - 100 - C04 - SL20100	0.3	0.280	0.320	#4 - 40	0.200	0.060	0.110	21
MF - 200 - C08 - H	4.0	0.400	0.500	#8 - 32	0.375	0.060	0.160	58
MF - 200 - C08 - SL20100	0.6	0.405	0.500	#8 - 32	0.375	0.060	0.160	21
MF - 200 - C08 - H	4.0	0.400	0.500	#8 - 32	0.375	0.060	0.160	58
MF - 200 - C08 - SL20100	0.6	0.400	0.500	#8 - 32	0.375	0.060	0.160	21
MF - 300 - C25 - H	12.0	0.615	0.625	1/4 - 20	0.500	0.100	0.260	58
MF - 400 - C31 - H	45.0	1.000	0.750	5/16 - 18	0.625	0.100	0.290	58

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## ELASTOMER STUD MOUNTS

Male - Blank Parts:

Part Number	Load (lbs)	Dimensions		Metal Insert				
	Maximum Compressive	D Diam. (in)	L Length (in)	Type	P Overall Height	G Grip (in)	TD Depth (in)	Hardness ASTM D2240 (Shore A Durometer)
MB - 100 - C04 - H	4.0	0.275	0.320	#4 - 40	0.200	0.080	n/a	58
MB - 100 - C04 - SL20100	0.5	0.280	0.320	#4 - 40	0.200	0.080	n/a	21
MB - 200 - C06 - H	8.0	0.400	0.500	#6 - 32	0.375	0.080	n/a	58
MB - 200 - C06 - SL20100	1.0	0.405	0.500	#6 - 32	0.375	0.080	n/a	21
MB - 200 - C08 - H	8.0	0.400	0.500	#8 - 32	0.375	0.080	n/a	58
MB - 200 - C08 - SL20100	1.0	0.400	0.500	#8 - 32	0.375	0.080	n/a	21
MB - 300 - C25 - H	20.0	0.615	0.625	1/4 - 20	0.500	0.100	n/a	58
MB - 400 - C31 - H	50.0	1.000	0.750	5/16 - 18	0.625	0.100	n/a	58

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