New

Metric

General Characteristics		V10Z61MA1	V10Z61MA2 & V10Z61MB1	V10Z61MB2 & V10Z61MSF10
Specific Gravity		1.05	1.06	1.07
Hardness	Needle* Penetration (1/10 mm)	55	—	—
	Asker C**	—	33	52.5
Specific Heat J/g x K (Btu/lb. x °F)		1.52 (.36)	1.51 (.36)	1.52 (.36)
Thermal Conductivity W/m x K [Btu/(h x ft. x °F)]		0.2 (.12)	0.2 (.12)	0.2 (.12)
Volume Resistance Ohm x cm (Ohm x in.)		4.0×10^{14} (1.6×10^{14})	3.2×10^{14} (1.3×10^{14})	6.6×10^{14} (2.6×10^{14})
Chemical Resistance	Toluene	+	+	+
	Acetone	+	+	+
	Methanol	-	-	-
	Distilled H20	-	-	-
	Fuel	+	+	+
	Lubricant	+	+	+
	NaCl (10%)	-	-	-
	HCL (10%)	-	-	-
	NaOH (5%)	-	-	-
Temperature Range		-40°C to 200°C (-40°F to 392°F)	-40°C to 200°C (-40°F to 392°F)	-40°C to 200°C (-40°F to 392°F)

+ = Has a Reaction
- = No Reaction

Catalog Number	Quantity of Deflection mm (in.)	Load at Deflection kgf (lb.)
V10Z61MTHB	6.3 ±1 (.248 ±.04)	0.010 (.022)
V10Z61MTHA	3.3 ±1 (.130 ±.04)	0.010 (.022)
V10Z61MTHC	5 ±1 (.197 ±.04)	0.026 (.057)
V10Z61MTHTW	4.4 ±0.5 (.173 ±.02)	0.208 (.459)
V10Z61MMN03	3.5 ±1 (.138 ±.04)	0.031 (.068)
V10Z61MMN05		0.052 (.115)
V10Z61MMN07		0.073 (.161)
V10Z61MMN10		0.104 (.229)
V10Z61MSF02	4 ±0.5 (.157 ±.02)	0.031 (.068)
V10Z61MSF05		0.078 (.172)
V10Z61MSF10		0.146 (.322)

*JIS K 2207

**Japan Rubber Association Standard (SRIS 0101)

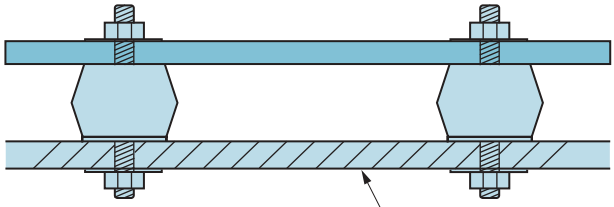
Proper Application of Silicone Gel Mounts

www.vibrationmounts.com Phone: 516.328.3662 Fax: 516.328.3365

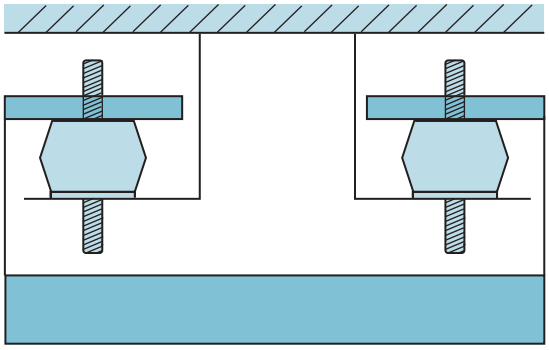
New

Metric

RIGHT USE



1. EVEN LOAD

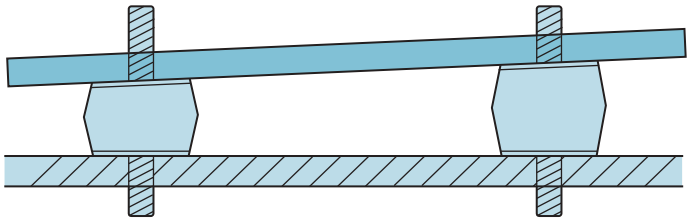


2. HANG IN COMPRESSIVE DIRECTION

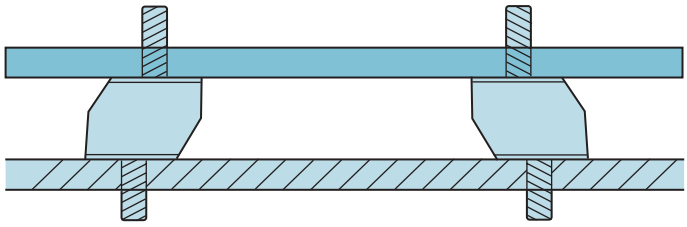
FEATURES:

- Highest damping effect arises when gel is compressed 10% up to 30%.
- Low in temperature dependency, this material offers stable performance from -40°C to 200°C (-40°F to 392°F).
- Excellent chemical resistance.
- Low in compression set.
- Performance stays the same even after repeated use.
- Contains nothing harmful. Environment-friendly.

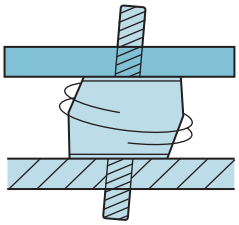
WRONG USE



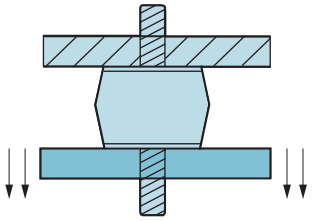
1. UNEVEN LOAD



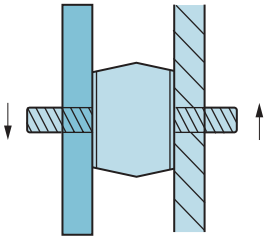
2. BOLT HOLE OUT OF CENTER



3. TWIST



4. TENSILE DIRECTION



5. SHEARING DIRECTION

Double-Studded Silicone Gel Vibration Mounts

www.vibrationmounts.com Phone: 516.328.3662 Fax: 516.328.3365

- **MATERIAL: Studs –** Fig.1 & 2: Brass, Nickel Plated; Fig. 3: Steel, Unichro Plated
  Body – Silicone Gel

- **DAMPS LOW FREQUENCY VIBRATIONS**
- **FOR SMALL TO INTERMEDIATE LOAD APPLICATIONS**
- **TO BE USED IN COMPRESSION ONLY**

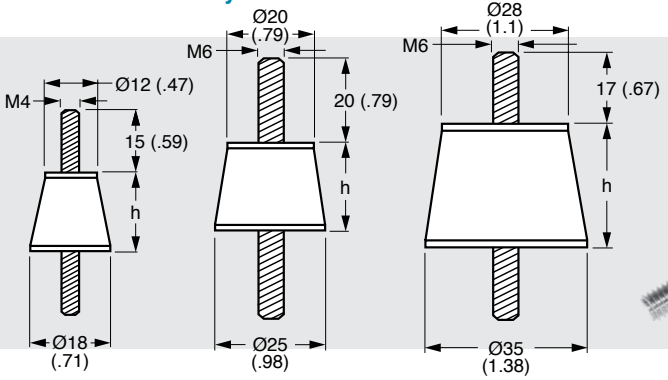
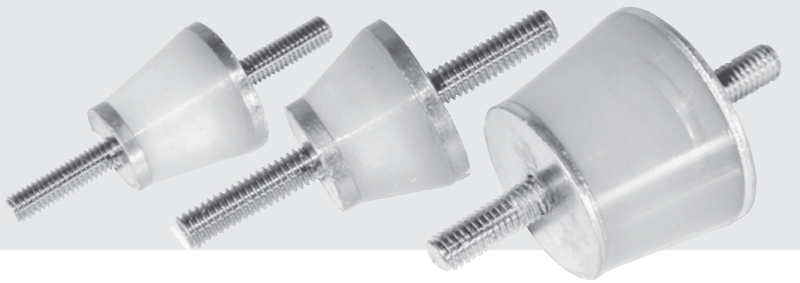


Fig. 1 **Fig. 2** **Fig. 3**



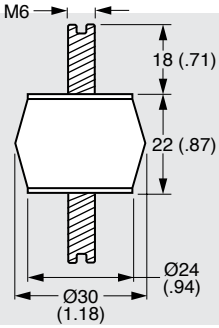
Metric

Note: Dimensions in ( ) are inch.

TEMPERATURE RANGE: -40°C to +200°C (-40°F to +392°F)

Catalog Number	Fig. Number	Optimum Load kgf/leg (lb./leg)	Resonance Point Hz	Resonance Magnification dB	Recommended Frequency Hz	h mm (in.)
V10Z61MTHB	1	0.4 to 0.6 (.9 to 1.3)	13 to 11	13 to 12	18 ~	18 (.71)
V10Z61MTHA		0.5 to 0.8 (1.1 to 1.8)	16 to 15	12	23 ~	12 (.47)
V10Z61MTHC	2	0.8 to 2 (1.8 to 4.4)	14 to 12	13 to 12	20 ~	18 (.71)
V10Z61MTHTW	3	12.5 to 25 (27.6 to 55.1)	10 to 8	20 to 19	from 14	25 (.98)

- **MATERIAL: Studs–** Steel, Unichro Plated
  Body – Silicone Gel



Note: Dimensions in ( ) are inch.

TEMPERATURE RANGE: -40°C to +200°C (-40°F to +392°F)

Catalog Number*	Optimum Load kgf/leg (lb./leg)	Resonance Point Hz	Resonance Magnification dB	Recommended Frequency Hz
V10Z61MMN03	2 to 3.5 (4.4 to 7.7)	12 to 10	12	17 ~
**V10Z61MMN05	3.5 to 5.5 (7.7 to 12.1)	11 to 10	14 to 13	16 ~
V10Z61MMN07	5.5 to 8.5 (12.1 to 18.7)	11 to 10	16 to 15	16 ~
V10Z61MMN10	8.5 to 12.5 (18.7 to 27.6)	11 to 10	20 to 18	16 ~

See application page for proper usage. **See page **2**-3 for Transmissibility Chart.
* This type is slotted on the stud for fixing a bolt.

Rev: 9-11-07 SS