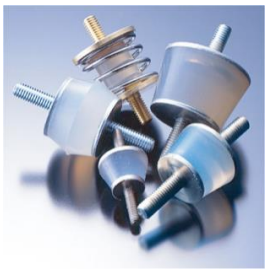
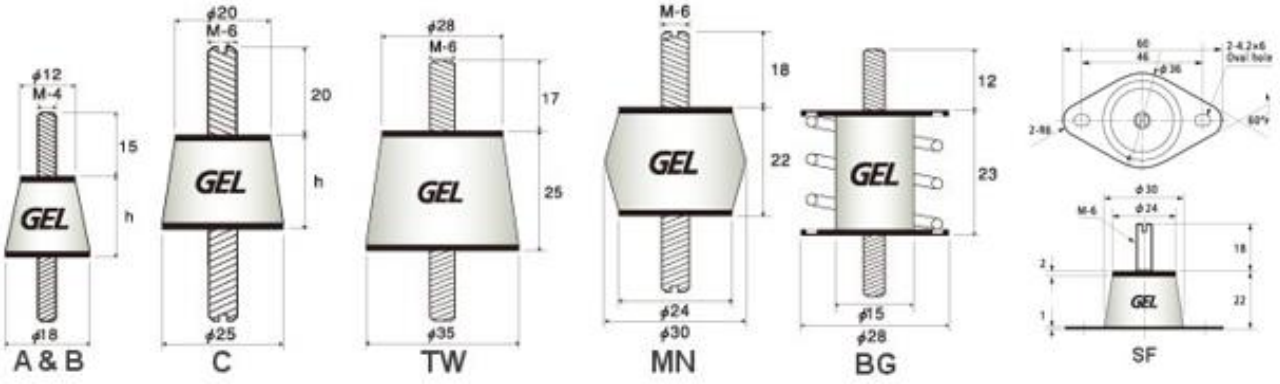
# SOFT SILICONE GEL STUD MOUNTS



- **Supports product and effectively isolates vibrations.**
- **Exceptional damping for low to high frequency vibrations.**
- **Superior performance compared to rubber solutions.**
- **Ideal for low frequency and micro vibration due to low resonance point.**
- **Supports loads from 1.6kg to 100kg (per set of four mounts).**
- **Typical applications include manufacturing equipment, medical devices, motors, compressors and drones.**
- **ROHS and REACH SVHC compliant, Halogen free.**

Frequency Response Graphs | Terminology | Vibration Damping Guide | Silicone Gel Properties

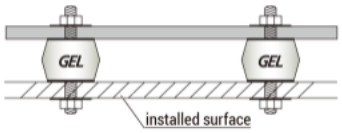



Dimensions In mm

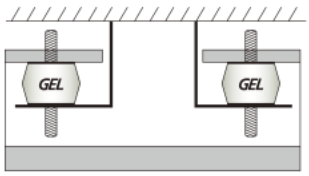
| Part Number | Optimum Load (kg/4 legs) | Height (h) | Thread size | Gel Diameter | Resonance Point (Hz) | Resonance Magnification (dB) | Engineering Drawing | Gel Type |
|---|---|---|---|---|---|---|---|---|
| Theta-A | 2.0 ~ 3.2 | 12 | M4 | 18 | 16 to 15 | 12 | PDF | 1 |
| Theta-B | 1.6 ~ 2.4 | 18 | M4 | 18 | 13 to 11 | 13 to 12 | PDF | 1 |
| Theta-C | 3.2 ~ 8.0 | 18 | M6 | 25 | 14 to 12 | 13 to 12 | PDF | 1 |
| MN-3 | 8 ~ 14 | 22 | M6 | 30 | 12 to 10 | 12 | PDF | 6 |
| MN-5 | 14 ~ 22 | 22 | M6 | 30 | 11 to 10 | 14 to 13 | PDF | 6 |
| MN-7 | 22 ~ 34 | 22 | M6 | 30 | 11 to 10 | 16 to 15 | PDF | 6 |
| MN-10 | 34 ~ 50 | 22 | M6 | 30 | 11 to 10 | 20 to 18 | PDF | 6 |
| THETA-TW | 50 ~ 100 | 25 | M6 | 35 | 10 to 8 | 10 to 8 | PDF | 8 |
| BG-7 | 3.2 ~ 6.4 | 23 | M3 | 15 | 10 to 8 | 10 to 8 | PDF | 5 |
| BG-8 | 6 ~ 16 | 23 | M6 | 15 | 10 to 8 | 10 to 8 | PDF | 5 |
| SF-2 | 5 ~ 13 | 22 | M6 | 30 | 15 to 10 | 15 to 10 | PDF | 6 |
| SF-5 | 13 ~ 30 | 22 | M6 | 30 | 13 to 9 | 13 to 9 | PDF | 6 |
| SF-10 | 30 ~ 50 | 22 | M6 | 30 | 12 to 9 | 12 to 9 | PDF | 6 |

## Correct Use

❶ Even load

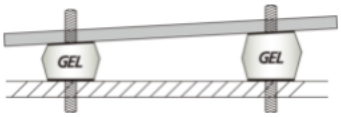



❷ Compressively suspended




## Incorrect Use

❶ Uneven load

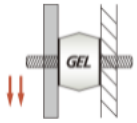



❷ Misaligned bolt hole


❸ Twist


❹ Tensile direction


❺ Shearing direction




**NOTES ON USE**

- Always use stud mounts in compression and never in shear direction.
- Ensure that load is distributed evenly and bolt holes are not misaligned.
- The height of the stud mount may vary as it is compressed under load.
- The direction of the slot on the head of the stud is not controlled.
- Do not twist.