# Anti-Vibration Mounts

## Light Load / Heavy Load Anti-Vibration Pads

### Leveling Mounts – Light Load Anti-Vibration Pad

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Type</th>
<th>Material</th>
<th>Surface Treatment</th>
<th>Antivibration Rubber</th>
<th>Spring Constant (lbf/in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FBF</td>
<td>SAE65</td>
<td>Steel</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>FBFM</td>
<td>SAE65</td>
<td>Stainless Steel</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
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### Part Number Example

- **FBF**: Part Number - M - A - Rubber Material
- **FBFM**: Part Number - M - A - Rubber Material
- **FBFS**: Part Number - M - A - Rubber Material
- **FBR**: Part Number - M - A - Rubber Material
- **FBRM**: Part Number - M - A - Rubber Material
- **FBRFS**: Part Number - M - A - Rubber Material

### How to Select

1. **Calculate the applied load per antivibration mount**
   - For an object at 40 kN load is supported by 4 supporting points 40 kN/4 = 10 kN

2. **Calculate frequency for supported object**
   - As the frequency is in the number of vibrations per second, each mount should be more than 3,000 rpm
   - 3,000 rpm/3 = 10 Hz

3. **Select an antivibration mount with natural frequency less than 1/2 the frequency of vibration source (motor, etc.)**
   - Select a mount with a natural frequency of 50 Hz (60 Hz/2)

4. **Check the level of the mount**
   - If the level of the mount is not within the range of resonance, please select another.

### Installation Method

1. **Jack up the machine and devices**
2. **Mount the machine and devices**
3. **Turn the leveling bolt with a wrench to adjust the level of the machine.**
4. **Adjustable Mounting Hole on Machine Side**

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# Anti-Vibration Mounts

## Standard / Economy

### Part Number Example

- **KFJ**: Part Number - L - A - Rubber Material

### How to Select

1. **Calculate the applied load per antivibration mount**
   - For 45 kN load, the load is 4 supporting points 45 kN/4 = 11.25 kN

2. **Select a mount with a natural frequency less than 1/2 the frequency of vibration source (motor, etc.)**
   - Select a mount with a natural frequency of 50 Hz (60 Hz/2)

### Installation Method

1. **Jack up the machine and devices**
2. **Mount the machine and devices**
3. **Turn the leveling bolt with a wrench to adjust the level of the machine.**
4. **Adjustable Mounting Hole on Machine Side**

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**There’s more on the web: misumiusa.com**

Check out misumiusa.com for the most current pricing and lead time.