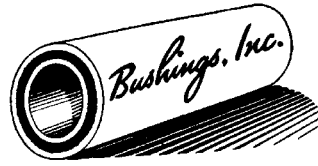


“Rubberflex” Bushings and Mountings

Manufactured by



Insulated with rubber or synthetic, **Bushings Inc. “Rubberflex” Bushings and Mountings** provide flexible solutions for a broad array of applications.

“Rubberflex” Bushings and Mountings:

- Save Investment Dollars - Can be Fabricated from Existing Tooling and Fixtures
- Absorb Both Linear and Torsional Vibration
- Reduce Noise
- Eliminate the Need for Lubrication
- Provides Highest Fatigue Life with Rubber in Compression and Shear Design
- Reduce Maintenance
- Absorb Shock
- Sustain Very High Static and Dynamic Loads
- Compensate for Misalignment

“**Rubberflex” Bushings and Mountings** are produced to your specifications at exceptionally low cost, even in small quantities. Their inner and outer sleeves are separated by an elastic wall that also holds them together with a strong mechanical bond. The elastic takes up all the movement without permitting the bonding surfaces to move.

“Rubberflex” Bushings are available in two general types:

Torsional Bushings are used in oscillating movement applications. The thickness of the elastic wall governs deflection under load. “Rubberflex” Bushings can permit unusually high torsional angles. When a torsional bushing is assembled on a shaft or similar solid member, the elastic insulator also serves as a gas, water, and fluid-tight joint. Synthetics, instead of rubber, are recommended where oil is to be sealed.

Protective bushings isolate delicate bearings, gears, sprockets or splined couplings against sudden load, shock, the effects of misalignment and other potentially damaging forces.

Choice of Materials

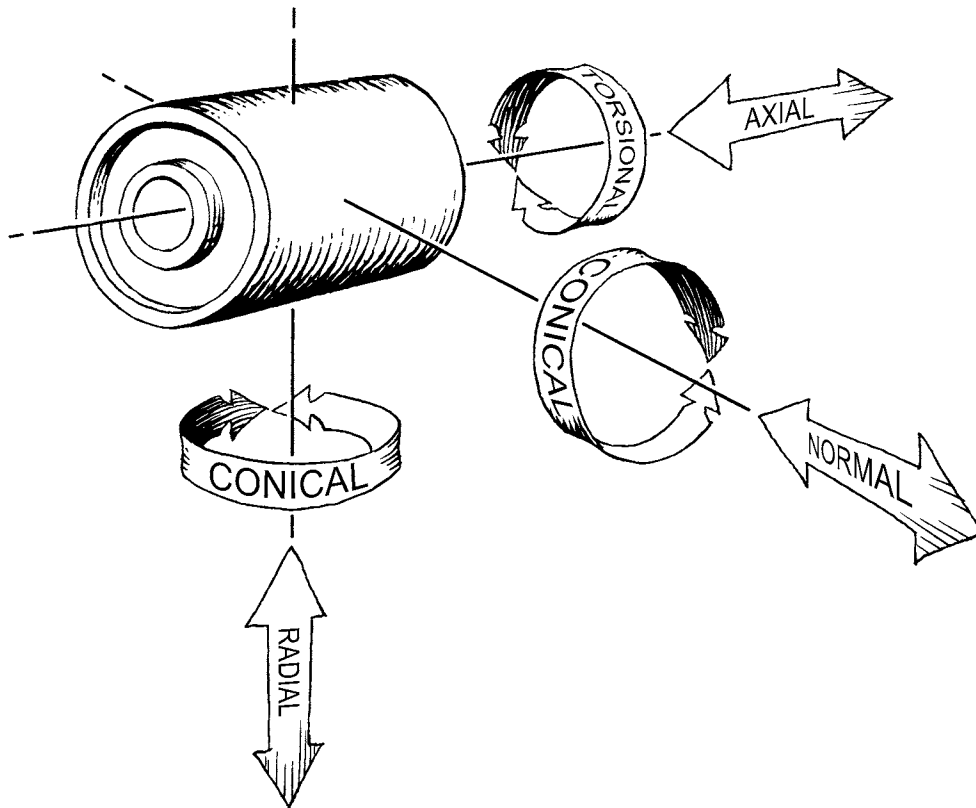
“Rubberflex” Bushings and mountings are made by two methods - shot type or vulcanized to the Inner Sleeve. Thus they can be furnished in virtually any metal - brass, steel, stainless steel, bronze, porous bronze, copper or plated metal - as well as plastics.

Selecting the Correct Bushing

If you are designing a new product, looking towards systems integration to reduce the number of parts, attempting to solve specific application problems, or simply trying to

reduce noise and vibration in an existing mechanism your bushing design should be based on the physical and mechanical characteristics of the application.

The proper design takes into consideration radial, (both static and dynamic), axial, torsional, and conical loads and their combined effects. Plus cycle speeds and frequency of application, size and space limitations (shaft size/maximum O.D. / I.D., or length) and any abnormal environmental influences such as exposure to heat, oil or solvents.



Existing Tooling and Fixtures

For all of the above reasons, we recommend that you contact us; we can offer assistance in both new design and troubleshooting. Based on our experience, and the accumulation of tooling from prior years (there are many sizes we can offer which require only assembly – without the expense of special tooling) we can help you determine the least expensive approach to match your specific requirement. Please contact us at the numbers shown below, or through our website.

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