

B-MOUNT SERIES (B22/B44/B64/B43)

All-attitude, highly damped mounts for protection of equipment from vibration, shock during steady-state acceleration.

APPLICATIONS

- Avionics in high performance aircraft
- Electronics in transportable shelters
- Mobile ground equipment

FEATURES

- Low resonant transmissibility
- Metal spring with friction damping
- All-attitude mounting
- Aluminum or stainless steel outer cup and core
- Fail safe construction
- Axial to radial stiffness of 1:1

BENEFITS

- Continuous isolation even under loads of up to 5g's
- Interchangeable with MIL size counterparts

LOAD RANGE

- B21/22 = 4 ratings to 3 lbs. per mount
- B43/44 = 5 ratings to 10 lbs. per mount
- B64 = 4 ratings to 40 lbs. per mount



Barry B-Mounts provide shock and vibration isolation for avionic equipment in high performance aircraft. They feature low resonant transmissibility and isolate high frequency vibration without snubbing during high "g" maneuvers.

Specifications

| | |
|---------------------------------|------------------------|
| • Natural Frequency | 15-30 Hertz |
| • Transmissibility at resonance | 3.0 Max. |
| • Resilient Element | Friction damped spring |
| • Standard Materials | Varies w/model |
| • Weight | See Tables |

Environmental Data

- Operating temperature range -85°F to +250°F (-65°C to +120°C).
- Meets strength, corrosion resistance and environmental requirements of MIL-E-5272, MIL-E-5400 and MIL-STD-810.