

H-MOUNT SERIES (H44/H64)

Low-frequency, friction damped mounts for high level vibration isolation and shock protection in rotary wing aircraft.

APPLICATIONS

- Avionic equipment in propeller driven aircraft
- Sensitive instrumentation and medical equipment
- Stationary applications where cost effective, low frequency isolation is required

FEATURES

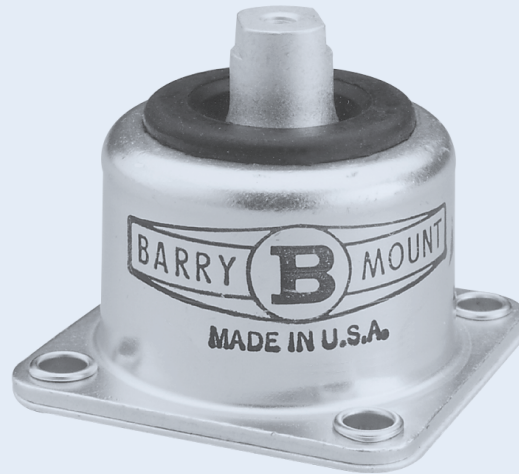
- Axial to radial stiffness ratio of 4:1
- Friction damped spring
- For base mounting only
- Fail safe construction

BENEFITS

- Ideally suited for protecting equipment in helicopters or similar environments where high-amplitude, low frequency vibration is predominant
- Increased equipment reliability and extended component life

LOAD RANGE

- H44 = 7 ratings from .25-10 lbs. per mount
- H64 = 7 load ratings from 2.0-40 lbs. per mount



Barry H-Mounts are ideally suited for protecting equipment in helicopters or similar environments where high amplitude, low frequency vibration is predominant.

Specifications

• Natural Frequency	7-10 Hertz
• Transmissibility at resonance	2.0 Max.
• Resilient Element	Friction damped spring
• Standard Materials	Aluminum
• Weight	H44 = 1.63 oz. H64 = 3.56 oz.

Environmental Data

- Operating temperature ranges of -67°F to +250°F (-55°C to +120°C).
- Designed for the rotary wing vibration requirements of MIL-STD-810B.
- Performs in attitudes up to 10° from horizontal.
- Meets vibration and shock requirements of Mil-C-172C.