UNISORB® VIBRATION ISOLATION PAD MATERIALS

TITAN™ SHOCK PADS FOR EXTREME LOADINGS AND HEAVIEST IMPACTS

Heavy Duty JAKEBOLTS offer a truly cost effective way to provide strong, problem-free, high quality anchors for virtually any concrete foundation/machinery application. They are designed to be hung from a template or welded directly to reinforcing steel, then cast in place during new foundation construction.

Permission entirely of steel, the Heavy Duty JAKEBOLTS are tough, durable, and MIG welded watertight to prevent contamination of internal components during installation. Each JAKEBOLT comes supplied with a centralizing bushing which doubles as a seal and protects against contamination during grouting. JAKEBOLTS are manufactured with retraceable studs to allow a “Clear Floor” condition at any time. Anchor studs can be adjusted to project above the floor from 0" to 6" or from 0" to 12", depending on the bolt specified for the installation. The entire internal anchor assembly can be adjusted laterally as well as vertically to compensate for normal construction variances in both hole location and machine foot thickness.

The Heavy Duty JAKEBOLT incorporates 90,000 psi tensile strength steel in the bolts. The all-steel anchor assembly is designed for service under the most severe conditions. Special versions of the Heavy Duty JAKEBOLT are available upon request by consulting UNISORB Engineering.

All models are designed to be hung from a template or welded directly to reinforcing steel, cast in place during new foundation construction. The JAKEBOLT is the same bolt in three sizes: ½, 5/8, and 3/4, each in a range of lengths from 6" to 12". The bolts are manufactured from high tensile strength steel, the housing is 100% Steel, and the housing is 7 1/2" x 7 1/2" x 2 1/2". The bolt is always vertical regardless of location in sleeve. The bolt is adjustable in all directions, laterally adjustable, and can be adjusted to any projection from 6" to 12" or 18" max.

Impact shock and vibration can do costly damage to machines, mounting devices and floors and noise may reduce efficiency of operating personnel. TITAN SHOCK PADS offer an easy economical way to solve these problems.

The smooth edge design of the low cost oil-resistant UNISORB NEOPRENE PAD prevents oil, grease, and dirt from accumulating beneath the load-bearing surface of the pad. Available in 18" x 18" x 5/16", Stiffness is 60 Durometer.

NEOPRENE PADS FOR MACHINES WITH FLOOR LOADING 5 TO 125 PSI

MANUFACTURED TO MILITARY SPECIFICATION MIL-C-882 E

TYPICAL APPLICATIONS
• Ball mills.
• Compressors.
• Foundry equipment (jolters, forging hammers, shakeouts, etc.).
• Heavy presses.
• Generators.
• Impact generating hydraulic hammers.
• Machine shop equipment.
• Motors.
• Printing presses.
• Refrigeration equipment.
• Structural bearings.
• Textile machinery.

TYPICAL DEFLECTION

Load in Lbs. per Sq. In. 7 Ply 14 Ply 21 Ply 31 Ply 39 Ply 48 Ply 64 Ply

All Dimensions in inches. Thicknesses other than standard are available.

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Nominal construction - Laminated plies of oil resistant neoprene-frictioned fabric. All plies laid straight with a continuous ply of frictioned duck on each cover side. 64 plies of frictioned duck per one-inch thickness.

Maximum size - Mill run sheet sizes 1/8" through 1/2" thick. 48" wide 1/2" thick and over. 48" x 145".

Thickness Tolerance - ±5%

Tensile Strength - 4,000 psi, minimum

Heat Resistance - No visible change after 72 hours at 160°F.

Compression Strength - Up to 1,800 psi perpendicular to the plane of laminations.

Density - 0.0487 lbs. per cubic inch.

Durometer - Shore A 90 ±5.