Press release

New from Ruland:
Vibration isolation mounts and rubber bumpers

Marlborough, Massachusetts, USA, March 2020. Ruland Manufacturing now supplies a wide selection of vibration isolation mounts and rubber bumpers for use in packaging, conveyors, food processing, and other industrial equipment. These rubber components are mounted in a variety of ways to extend machine life and reduce noise which allows for a safer work environment**.**

Vibration isolation mounts and rubber bumpers are cylindrical and have a metallic core encased in a rubber jacket with threaded components that allow them to be connected to many different types of equipment or flat surfaces. Vibration isolation mounts have a threaded stud or tapped hole on both flat ends to connect two parts of a machine together. Rubber bumpers have a threaded stud or tapped hole on one end and a rubber jacket over the other to act as end stops or mounting feet. The rubber jackets have 55 shore A durometer for a balance of shock absorption and rigidity. The metallic cores are made from 304 stainless steel for high corrosion resistance and can be used in washdown applications. The zinc-plated steel cores have higher strength and are ideal for general purpose use.

Both are referred to as sandwich mounts and rubber buffers because they function as shock or vibration isolators sandwiched between two machine components or surfaces. They are often used to cushion the impact load of machine guard doors closing, installed between motors and mounting frames to isolate vibration, and used as feet on machines to prevent slipping and reduce shock to floors, helping to protect machines and make for a safer, quieter work environment.

All configurations are available in imperial threads ranging from #8-32 to 3/8-16 and metric threads from M3 to M16 with outer diameters ranging from 8mm to 100mm or 0.39 to 3.11 inches. The smaller sizes are commonly used in light duty applications such as machine guard doors, while the large sizes are better suited in more demanding applications, such as conveyors where they can be sandwiched between the frame and legs for rigidity and reduced noise.

Vibration isolation mounts and rubber bumpers are sourced from J.W. Winco. They are the latest addition to Ruland's new line of machine components that includes adjustable handles, modular mounting components, star knobs, indexing plungers, and CNC tool shelves.
Full product specifications including free downloadable CAD files can be found at www.ruland.com.

Summary:

- Used to dampen vibration which reduces noise and shock loads and extends the life of machines
- Wide size range allows users to find the size they need for both light and heavy-duty applications
- Five configurations and two materials available for a variety of applications.
- Large inventory in Ruland's Marlborough, Massachusetts location for same day shipping

Direct links to products:

Vibration Isolation Mounts | Rubber Bumpers

Pictures:

Pic 1: Vibration isolation mounts and rubber bumpers are used as vibration or shock absorbers in a wide variety of industrial applications

Pic 2: The 55 shore A durometer of the rubber jacket provides a balance of shock absorption and rigidity

Pic 3: Threaded studs on each end allow this mount to be installed between two machine components

About Ruland:

Ruland Manufacturing Co., Inc. is a privately owned family company founded in 1937. Ruland has carefully and responsibly manufactured high performing shaft collars, rigid couplings, and motion control couplings for the past 40 years. Ruland's product line was recently expanded to include a variety of machine components from select manufacturers we have worked with that align with our performance and quality standards.

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TPR International would be grateful for a copy of the publication with this article.