

## **WDS extends anti vibration mount range with innovative new designs**

### **Customer feedback has led engineering components manufacturer WDS to extend its range of anti-vibration mounts, with marine engine mounts and cone cab mounts.**

Anti vibration mounts act as dampeners or shock absorbers in a wide range of applications, including isolating engines, motors, compressors, pumps and fans that naturally create vibrations. They can also be used to isolate plant and machinery such as vibratory feeders, polishers, mixers, saws, drills and other machine tools. As shock absorbers they are a popular choice for bump stops on conveyors and as stops to limit the travel of hinged doors and panels.

The new marine engine anti vibration mounts are designed to support the thrust loads generated by propeller drives. They are made to a very low profile design which makes them versatile and easy to install, even in the confined spaces typically encountered in shipboard projects.

The cone cab mounts are intended for use with compressors, engines and pumps. Their geometry is optimised to absorb high shear and compression stresses while accommodating axial deflection.

The WDS anti vibration mount range is well established, the latest additions providing further functionality for specific applications. Most of the range uses a rubber stop of 55 Shore hardness to absorb the energy, although softer 45 Shore and stiffer 75 Shore stops are available as options to meet unusual application needs.

Typically the stops are cylindrical, but other shapes are available. For instance, bobbin shaped stops have more initial give so are good for absorbing sudden loads, while machine shear cap versions are intended for heavy vibration on rotating machinery and includes a metal cap to retain parts should the mount break due to an excessive or sudden shock load.

Adjustable levelling feet with anti vibration pads are also included in the range.

The stops are available in a range of sizes from 8mm to 75mm diameters for the stops, and with bolt down, male or female threaded stud mounting options. The metal parts are generally corrosion resistant zinc coated steel, with stainless steel as an option for particularly arduous application environments.

The WDS anti vibration mount product range is readily available from stock with next day delivery available on selected products. Like all WDS products, full details of the entire range of mounts are clearly set out on the company's website, [www.wdsltd.co.uk](http://www.wdsltd.co.uk). The relevant pages are easy to navigate and there is plenty of supporting information provided in the form of notes, diagrams, equations and specimen calculations, videos and animations. The site can be used to order parts on line and also provides an email helpline for specific queries.

**Image 1 + 2:** The WDS anti vibration mount range is well established, the latest additions providing further functionality for specific applications.

## **About WDS**

WDS are the UK's leading manufacturer of standard parts for use in machine build components, standard parts, jigs & fixtures, and consumer products. The range of products available from WDS grows daily and so has the methods available to designers and engineers for identifying, specifying and purchasing any of the 20,000+ parts currently held in stock. For example, WDS has made ordering workholding solutions cheaper and quicker by removing small order surcharges.

The WDS range covers five main divisions, Standard Parts, Machine Accessories, Spencer Franklin Hydraulic Workholding, Broaching and General & Modular Workholding.

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