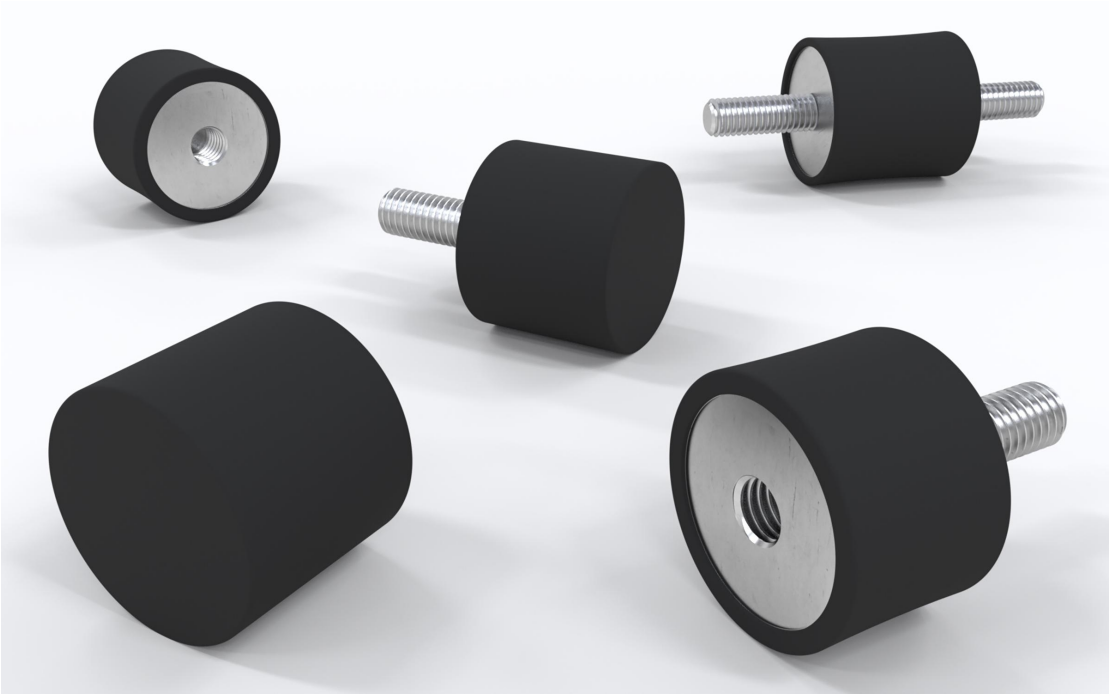
WDS Components Help Desk

Stainless Steel Increases Durability Of Anti Vibration Mounts

2022-11-08 - Mark Moody - Sales and Marketing Director - News and Media

A new range of anti-vibration mounts used to reduce noise and increase performance across a range of machinery types is now available in stainless steel. Our new design reduce the potential of corrosion and increase durability for OEMs and end users operating with harsh environments or requiring longer lifespan. The anti-vibration mounts are easily installed or retrofitted to applications up to 190.5kg maximum compressive load.



Our range of anti-vibration mounts can be added to any vibrating equipment, such as a machine, motor, or generator, to absorb vibration. This can significantly reduce noise for machine operators or those in the environment. As the mounts reduce vibration of the entire machine, this can improve machine lifetime, decreasing the rate of ware and lowering maintenance requirements. Machine efficiency and performance can also increase as a result.

The anti-vibration mounts comprise a rubber cylinder and can be installed to a machine with either a threaded shaft or a female threaded insert. For installation flexibility, a rubber headed option can be used as a stop for perpendicular installation, or a design capped with a stainless steel disc at either end can be used for parallel mounting.

The new stainless steel range has been developed for OEM demand, increasing durability in corrosion-prone environments, such as those involving chemicals or washdown. The new range also provides longer-life for OEMs or end users looking for improved ware resistance. The range joins WDS' existing offer of steel anti-vibration mounts.



The rubber cylinder has been selected for optimum vibration absorption, with a hardness rating of 55 Shore A, specially selected for the application range. The mounts can be used for smaller machines with maximum compressive loads from under 4kg and a deflection of 0.9mm, up to heavy loads over 190kg with a deflection of 3.2mm. The smallest mounts have a cylinder length of just 8mm, while the largest extend to 30mm.

Full specifications are available on wdscomponents.com, including free to download CAD drawings in all major formats, as well as 3D images that don't require specialist software to view. The stainless steel anti-vibration mounts are also within WDS' stock guarantee programme that provides 10% discount on any remaining volume of units not available up to the guaranteed amount. This gives confidence in ordering larger volumes, while individual units can also be purchased. Same day shipping is also available.

More information

Struggling to choose a product? Contact our Technical Team on 0333 043 5443 or drop us a message using our online contact form and we'll be more than happy to assist you.