



Vibracoustic
Aftermarket

Torsional Vibration Dampers

Torsional Vibration Dampers absorb rotational vibrations in combustion engines, especially in fuel-efficient start-stop systems. All new components use a one-way-clutch feature to enhance fuel savings and reduce CO2 emissions. Smaller engines with fewer cylinders create stronger vibrations in the crankshaft, but TVDs compensate them, optimizing engine durability and performance.

Vulcanized Torsional Vibration Damper

- Vulcanized Torsional Vibration Dampers enable optimum damping by effectively mitigating harsh vibrations of the crankshaft, preventing the development of unpleasant noises. The result: An improved overall driving experience that ensures a smooth and noise-free engine operation.
- Vibracoustic's Torsional Vibration Damper portfolio covers solutions for a wide range of applications in a variety of materials. The vulcanization process allows the elastomers of Vulcanized Torsional Vibration Dampers to provide excellent damping and stiffness characteristics even at high torque.
- The robust design of our original quality components minimizes the need for frequent replacements and maintenance, thus reducing long-term costs. Versatile tuning options enable installation in diverse engines and for any application.

Dampers mitigate crankshaft vibrations, preventing noises in engines

Vulcanized rubber contributes to high loads and durable design

Unique and patented method applied for vulcanized rubber layer



Robust quality components reduce maintenance, lowering long-term cost

Wide range of rubber compounds for various applications

Vulcanized rubber contributes to high axial loads, exact concentricity, and durable design



Vibracoustic Aftermarket GmbH
Hoehnerweg 2-4 | 69469 Weinheim | Germany



www.vibracoustic-aftermarket.com
aftermarket@vibracoustic.com