



Vibracoustic  
Aftermarket

## Product Information Overview

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.

# Pressed Torsional Vibration Dampers

- Torsional vibration dampers effectively mitigate the harsh vibrations produced in the crankshaft, preventing the generation of unpleasant whining noises. This improves the overall driving experience by ensuring a smooth and noise-free engine operation.
- Using pre-compressed, pressed-in rubber, torsional vibration dampers achieve a lightweight design without sacrificing durability. This innovative feature enhances the lifespan of the damper and contributes to the overall fuel efficiency of the vehicle.
- The robustness of our original quality components translates into cost savings for vehicles owners. The robust design minimizes the need for frequent replacements and maintenance, thus reducing long-term costs.
- The torsional vibration dampers are produced without the use of bonding agents, reflecting our commitment to sustainability and environmental safety.

Dampers mitigate crankshaft vibrations, preventing whining noises in engines.

Offers versatile tuning options for diverse engines and load case

Pre-compressed rubber contributes to lightweight yet durable design



Unique, patented method applied for pressing-in rubber tubes

Robust quality components reduce maintenance, saving long-term costs

Produced without bonding agents for eco-friendly use



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



[www.vibracoustic-aftermarket.com](http://www.vibracoustic-aftermarket.com)  
[aftermarket@vibracoustic.com](mailto:aftermarket@vibracoustic.com)