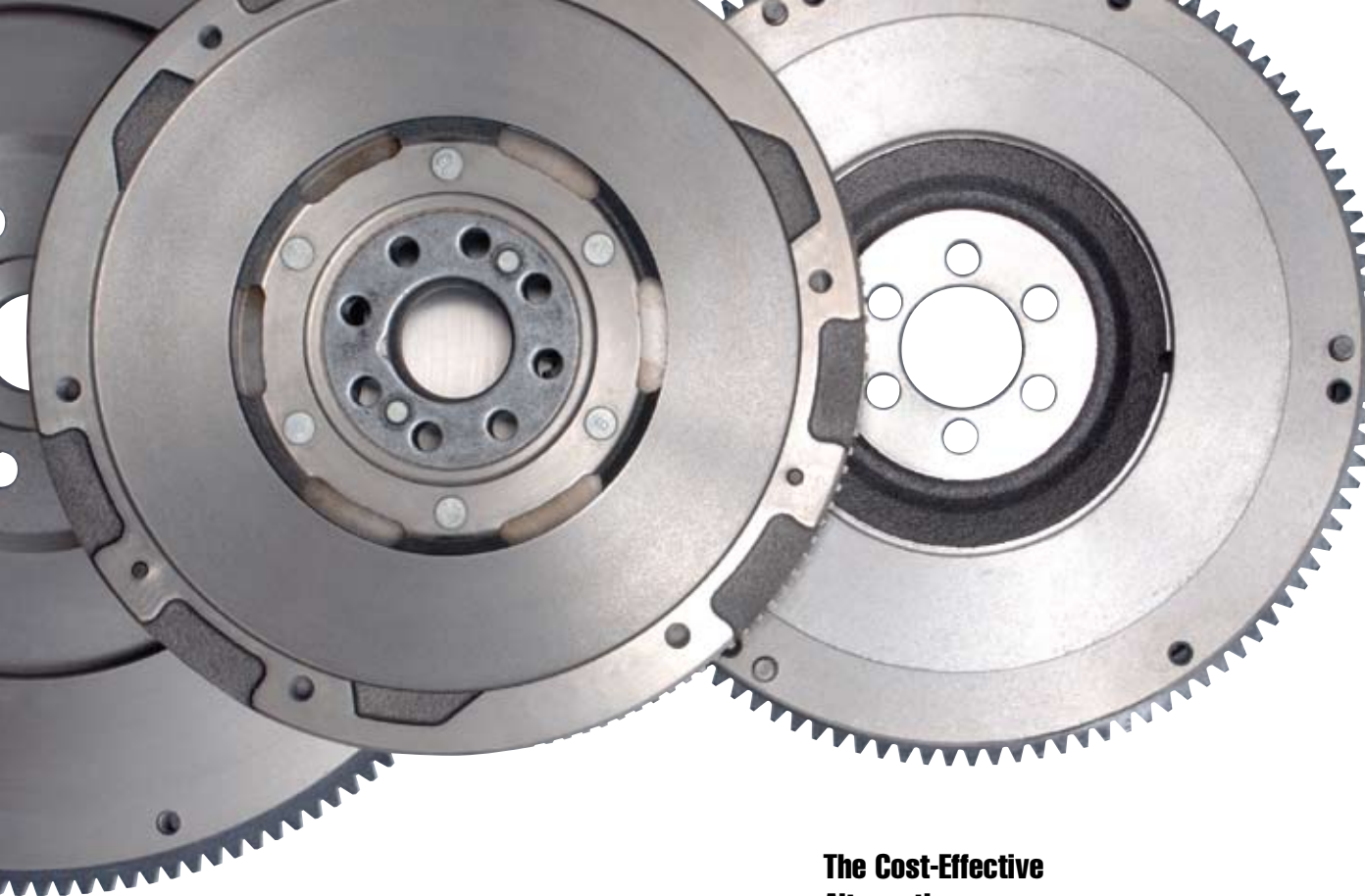


New LuK [Flywheels](#)



**CLUTCHES**



## **New LuK Flywheels The Smart Alternative**

The flywheel is an integral part of your clutch replacement. It can make the difference between a satisfied customer and a comeback. Whether you choose a conventional direct replacement or upgrade to an aluminum performance flywheel, LuK has you covered. All new, never resurfaced, a LuK flywheel is the smart choice for your application.

Today's tightly packaged clutch systems leave little room for error. In fact, resurfacing isn't even an option for some applications. The clearance between the disc damper and the flywheel-to-crankshaft bolt heads is so small that the flywheel must be replaced with every clutch installation.

## **The Cost-Effective Alternative**

Resurfaced flywheels may be machined beyond their usable life - a critical flaw that would not be evident until after the clutch has been installed. Over-machining removes metal needed to absorb heat, impairing the flywheel's heat sink capacity and shortening clutch service life. Improper machining can also cause interference, no release and slipping problems.

Pairing your new LuK RepSet with a new LuK flywheel is a smart, cost-effective alternative to resurfacing. Easy, one-step ordering ensures that you get the right components for your application and the right fit for hassle-free installation. Don't take chances with questionable parts. Install a new, original-equipment quality LuK flywheel and maximize the performance and service life of your clutch.

## **Conventional Flywheels**

LuK conventional flywheels are dynamically balanced to reduce vibration and improve clutch performance. All new – never remanufactured - every component is engineered and manufactured to OE specifications, including ring gear and dowel pins.

- Precision-machined from premium grade cast iron
- Superior quality friction surface
- Excellent heat-absorbing capacity

## **Dual-Mass Flywheels**

The dual-mass flywheel absorbs engine vibrations before they are transmitted to the driveline where they can create gear rattle. The unit is split into two sections: a primary section that bolts to the crankshaft, and a secondary section, onto which the clutch is bolted. The primary section dampens, isolates engine vibrations and prevents engine torque spikes from damaging the transmission. By design, dual-mass flywheels cannot be resurfaced.

## **Solid Flywheel Replacements**

LuK engineers have developed solid flywheel replacements for some OE dual-mass applications. Designed as bolt-in replacements, LuK RepSets and solid flywheel options provide increased torque capacity and many feature clutches with a larger diameter than the original clutch they replace.

## **Aluminum Performance Flywheels**

If you crave a little more excitement off the red line, specify a genuine LuK high-performance aluminum flywheel to reduce weight, maximize usable horsepower and reduce the stress on your engine's main bearings. These dynamically-balanced flywheels are precision-machined from ultra-lightweight 1061 T6 Aluminum for high strength and excellent heat dissipation. The friction surface and ring gears are machined from 1050 high-carbon tool steel to ensure long life and excellent performance under pressure. All LuK aluminum performance flywheels are SFI-approved.



## **What Makes LuK Flywheels The Smart Choice?**

- Engineered and manufactured to OE specifications
- Premium grade materials for superior-quality friction surface
- Excellent heat-absorption capacity
- All new components - including ring gear and dowel pins
- Perfectly balanced
- Backed by LuK and the industry's most trusted warranty