







## **LuK: inventor of the Dual Mass Flywheel.**

- LuK: global development partner to the automotive industry
- Inventor of the Dual Mass Flywheel (DMF) in 1985
- More than 115 million parts produced
- Component in every second vehicle worldwide – and growing!

## **Core of driving comfort: the DMF.**

- Consists of up to 130 individual parts
- Individually tailored to the respective vehicle
- Dampens torsional vibrations in the drivetrain
- Provides modern driving comfort throughout the entire speed range

**Every “low-cost” solid flywheel contains unpredictable risks for the vehicle. Therefore, you might actually end up spending more money later on.**



# LuK DMF. Convincing and without alternatives.

Rely on the original –  
not on solid flywheels!

**SCHAEFFLER**



**FAG**



## LuK DMF vs. solid flywheels: clear victory for the original!

**+ 90%**

### **Noise and vibration damping**

The LuK Dual Mass Flywheel provides a pleasant driving experience with low noise and vibration, even with frequent start-stop cycles. Solid flywheels are unable to do so. They lead to problems like bad shiftability of the gears and clutch judder.



**+ 100%**

### **Value preservation**

The LuK DMF ensures value retention of the vehicle. The use of a solid flywheel must be indicated and therefore the car may become unsellable.



**+ 10%**

**Fuel savings**

Thanks to the LuK DMF, engines run harmonically and comfortably even at low speeds. Compared with a solid flywheel, the LuK DMF saves up to 10% in fuel and further reduces CO<sub>2</sub> emissions considerably.



**+ 100%**

**Free from consequential damages**

The LuK DMF protects the drivetrain reliably against overload. Solid flywheels are not well adapted to the vehicle and can therefore lead to consequential damages, such as: breakage of the crankshaft, gearbox damages, defects of the hardy disk, wear of drive shaft and engine mounts, malfunction of the slave cylinder.



## Replacement? Go for the original!

LuK provides the most modern and easiest solution for repair and replacement: the LuK DMF and the LuK RepSet DMF. They are perfectly tailored to each respective vehicle model and contain all necessary parts for professional replacement. If the vehicle has originally been fitted with the LuK Dual Mass Flywheel, there is no reasonable alternative. The DMF, as an OEM part, is mandatory for the respective vehicle. **Don't go for compromises. Stay with the original!**



**LuK RepSet DMF:** The complete set for the replacement of a Dual Mass Flywheel, including clutch.

**LuK DMF:** Suited for the convenient replacement of a Dual Mass Flywheel. Requires the appropriate **LuK RepSet** or **LuK RepSet Pro**.

## More than four strong brands.

### ... more expertise

For decades, the name Schaeffler has stood for high-quality OEM repair solutions for engine, transmission and chassis – in passenger cars, commercial vehicles, and tractors. That alone marks us out as an expert partner to manufacturers, distributors and garages.

### ... more quality

As an OE manufacturer, we are committed to uncompromising quality and ongoing innovation that you can rely on.

### ... more services

- REPERT – our online garage portal providing technical knowledge
- Online catalog detailing the very latest product ranges
- Service hotline – for instant help
- Technical training – online and offline
- Special tools – custom-made for trouble-free repairs

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