

Axle shock absorbers

Suitable for: trucks, trailers and buses

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Multibrand



Axle shock absorbers are of great importance for driving safety. They serve to suppress the vibration of the unsprung mass of the vehicle. The impact of shocks which are transmitted to the vehicle by uneven road surfaces is dampened by the shock absorbers. When deciding on the parameters for the level of damping, the best possible compromise is looked for between comfort (low damping force) and driving safety (high damping force).

The operating piston with the piston rod moves within an oil-filled tube. During the axial movement of the piston rod, the oil is forced through narrow channels and valves through the pistons. With the speed of the piston motion, the flow resistance and thus the damping effect increases.

DT® Spare Parts shock absorbers are designed for a service life of 10 million cycles. Corrosion resistance is tested in a salt spray test for 500 hours.

The function of the shock absorber is guaranteed even at extreme temperatures of between -40 °C and $+70\text{ °C}$.

Further links

Similar articles from the product range

Note: Accessories are listed on the respective article detail page in the Partner Portal.

The reinforced sheet metal casing tubes have a thickness of 2.5 mm. This prevents premature corrosion.

The piston rod has a thickness of 22 mm and is furnished with a chrome plating of at least 25 µ.

The high-quality, multi-lip piston rod seal adjusts itself to normal wear and tear.

Besides shock absorbers for axles, the extensive DT® Spare Parts product range offers shock absorbers for cabin, as well as gas springs.

Construction of axle shock absorbers using the example of DT No. 2.62248

1. Nut
2. Rubber bushing
3. Washer
4. Protection tube
5. Multi-lip piston rod seal
6. Guide plate
7. Hydraulic fluid
8. Cylinder tube
9. Piston rod
10. Piston
11. Casing tube
12. Cylinder valvel

Video

DT Spare Parts

The brand DT Spare Parts from Germany provides a complete range of vehicle parts and accessories with a 24 month guarantee – no matter whether for trucks, trailers, buses, transporters or further applications, e.g. cars, agricultural vehicles, construction vehicles, marine or industrial applications. The guaranteed brand quality is achieved through the consistent product optimisation and relentless quality assurance within the framework of the Diesel Technic Quality System (DTQS).

More info: www.dtqs.de