

# Brake discs

**Suitable for: trucks, trailers and buses**

Art. no.:  
replaces Multibrand



[www.dt-spareparts.com](http://www.dt-spareparts.com)

Brake discs are used to decelerate vehicles and, especially in the case of heavily-loaded trucks, are subjected to high stress. Brake discs are attached to the wheel hub and provide a contact surface for the brake pads. By friction of the brake pads against the brake discs, kinetic energy is converted into thermal energy. Optimally designed bridges ensure that the thermal energy is dissipated from the vented brake disc. Due to their perfect alignment, even emergency braking does not cause distortion of the brake disc.

DT® brand brake discs have a surface finish which is optimally adjusted to the brake pads. Thus, a high braking force and the minimum possible wear on both components can be ensured.

Each DT brake disc is automatically checked and balanced to ensure equalisation of the radial forces.

Special alloy additions contribute to increased wear resistance and reduce cracking. Precise tolerance dimensions ensure easy fitting of the brake discs on the wheel hub.

The extensive DT® complete range for the braking system offers, besides all standard brake discs and the matching brake pads, all appropriate installation and mounting kits.

DT brake discs are provided with a batch coding for traceability of the production sequence, the DT marking including the article number, and the minimum thickness (in millimetres). Upon reaching this minimum thickness, the brake discs must be replaced immediately to ensure a continued optimal braking force.

### **Construction of a brake disc using the example of DT No. 4.63996:**

1. Drill holes for mounting on the wheel hub
2. Ventilation slits for cooling
3. Bridges for heat dissipation
4. Minimum thickness
5. Batch coding
6. DT marking



### **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](http://www.dtqs.de)