



DON® | **SERIOUS
STOPPING
POWER**

Braking Solutions for Commercial Vehicles



DON - Serious Stopping Power. Made by TMD Friction.

DON has been at the forefront of brake friction technology for over 100 years.

With a reputation for uncompromising quality and reliability, DON has retained its position as a strong market player in developing and supplying braking solutions for commercial vehicles, buses and coaches.

Backed by the TMD Friction Group and benefitting from their R&D and manufacturing expertise, the DON brand represents excellent value for money, whilst never compromising on safety – a product fit for purpose for fleet operators and workshops worldwide.

DON[®]

Each friction material in the DON range is specifically designed to complement the needs of individual vehicles and their braking system, from lighter commercial vehicles or buses operating in inner-city environments, to inter-continental haulage operations and the heavy load vehicles used in mining, quarrying and heavy industry.

Brake Pads

The DON brake pad program represents the optimal solution for a cost effective product – backed by TMD Friction quality, engineering and testing and fully produced in the European TMD Friction facilities.

Today, whether it's a Bendix, Brembo, Haldex, Knorr, Meritor or Wabco braking system, DON offers a full range providing a maximum vehicle parc coverage – all ECE R90 approved.

Developed in conjunction with vehicle and brake system manufacturers, DON uses its brake pad range mechanical fixing technologies to ensure high quality and safety without compromise, whatever the driving conditions:

- Cast iron backing plate
- Backing plate with brass pins
- Steel plate with weld mesh

Applying these techniques together with specially developed underlayers and adhesives, prevents friction material detachment and ensures a durable bonding to the backing plate even in the most extreme thermal conditions.

Where necessary, air disc brake pads in the DON range come with a special surface coating – either red in colour or a clear lacquer. This coating helps cleanse the brake disc during the bedding-in process, whilst providing excellent “first-stop” performance.

In addition, the pad program includes accessories where required. All these are fully tested and technically approved by TMD Friction and independent testing companies, which includes for example a one million cycle endurance test for the springs, vibration- and shaker tests, as well as salt chamber tests.



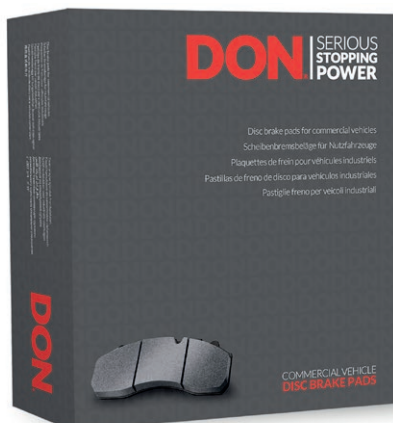
Cast iron backing plate



Backing plate with brass pins



Steel plate with weld mesh



“TMD Friction Lightweight Technology”: System Revolution in CV Friction



The “TMD Friction Lightweight Technology” is based on a thinner and, thus, lighter backing plate for commercial vehicles. The slimness of the backing plate is compensated by an underlayer which has a lower specific weight than steel, while durability and load-bearing capacity of the plate remain the same. Wear on the brake/axle system is minimised due to reduced weight.

On a 6-axle truck/trailer combination, up to 7.5 kg in weight can be saved with reduced CO2 emissions as a result. Alternatively, increased revenue can be generated by additional loading. This pays off for the forwarding agent. The new lightweight pads for single-piston disc brakes will initially be available for Wabco brakes, sizes 17”, 19” and 22”.

For more information on our Lightweight Technology and your savings potential, visit our website www.don-brakes.com



Brake Linings

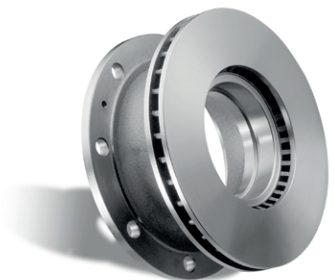
Don has a strong reputation for supplying world class brake linings. With a focus on different types of applications we always offer the right material, be it truck trailer or bus.

The program includes over 400 references in standard, oversize and undersize to ensure a maximum vehicle parc coverage, and features an easy identification of the friction wear through a visual indicator on the lining edge.



Brake Discs

More than 150 disc references manufactured to strict dimensional tolerances and highest metallurgical standards perfectly complement our pad program. A major part of the Don product range is already ECE R90 approved today.



Accessories

The DON pad, lining and disc program is completed by comprehensive ranges of:

- Wear indicators
- Fitting kits
- Rivets



Services

DON Brakebook - Your Personal Online Catalogue and Marketing Service

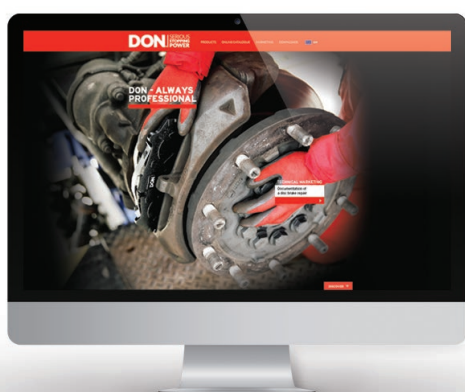
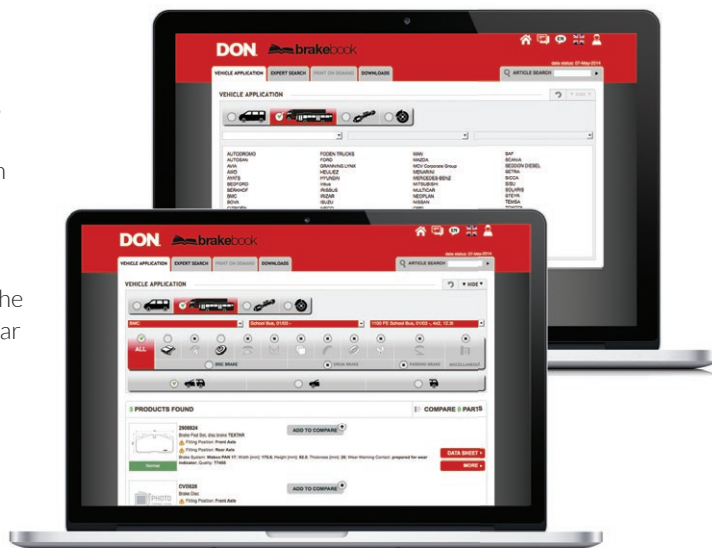


The web-based catalogue system has been exclusively developed for TMD Friction and contains cutting-edge catalogue data covering our whole product range.

Search for the right part either by Don part number, OE- or cross reference numbers. The expert search function also allows searching by product criteria such as width, height, thickness, drum diameter and many other criteria, making the identification of brake parts as easy as possible.

In addition, Brakebook allows registered users to create PDF catalogues tailored to their individual requirements - either for the entire product range, a selection of products, parts from particular manufacturers or even for special models. Always up to date.

www.don.brakebook.com



DON Website

Our user-friendly website contains a wealth of information on our product ranges, plus handy updates on new products, training courses and technical specifications. Visit to make sure you're always up to date with the latest from DON.

www.don-brakes.com

E-Newsletter

Delivered straight to your computer or mobile device, the DON e-newsletter keeps you ahead of the competition with regular product updates, hints and tips.

Technical Training

Who better to learn from, but the DON master technicians themselves? We offer open and in-house training courses tailored to meet your specific needs. Contact us or visit the website to find out more.



TMD is all about brake technology. As the global leader in brake friction solutions, we are trusted by the biggest brands in the automotive, industrial and rail sectors to deliver effective, reliable and safe braking applications.

TMD Friction is the preferred supplier for the global leading car brands and commercial vehicle manufacturers, and we are also one of the leaders in the rail sector.

Our pioneering products are also chosen to provide effective, safe braking for some of the world's most prestigious racing series, such as The Le Mans 24 hours.

Past, Present and Future

Over a hundred years in the business have seen us grow and prosper, becoming the world's leading supplier of brake friction. Our continued success is based on providing technical excellence, consistent quality and constant innovation through intensive R&D investment.

Tomorrow's Solutions Developed Today

Developing and refining products to improve performance for quieter, smoother, more efficient and environmentally responsible braking is a continuous process. We invest more than €25 million each year to ensure we not only meet the demands of today, but pioneer the technology that will be needed for tomorrow.

TMD FRICTION
A NISSHINBO GROUP COMPANY

TMD Friction Services GmbH
Schlebuscher Str. 99
51381 Leverkusen
Germany

T. +49 2171 703 0
F. +49 2171 703 23 88

