



Crown Brakes

A Unit of
Crown Impex House

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About Us

We are one of the leading manufacturers and exporters of wide range of after market spare parts especially for commercial vehicles. All our products are widely accepted by our clients across the globe.

Our products are developed and manufactured based on extensive research and development by a team of highly competent and experienced professionals.

Our Products

We specialize in manufacture and export of variety of friction materials and brake components that include:

- Brake Linings – Asbestos and Asbestos free
- Roll Linings- Woven and Moulded
- Rivets
- Disc Pads
- Clutch Parts – Clutch plates, Clutch cover and facings
- Suspension and Engine Parts

Range

We have the above range for the following vehicles:

Mercedes, Man, Scania, Volvo, Daf, BPW, ROR, Ford, GMC & Iveco

Market

Middle East, South / West Africa, North Africa, South East Asia, Australia

Quality

To maintain consistent quality standards of our brake linings we have fully equipped in-house laboratory consisting of Dynamometer, Co-efficient friction testing Rig, Co-ordinate measuring machine, Compression, Tensile, Shear, Rivet holding strength machine.

Our Accreditations

ISO 9001 & ISO 14001

DNV Management System Certificate

One Star Export House-certified by Ministry of Commerce & Industry

Contact Us:

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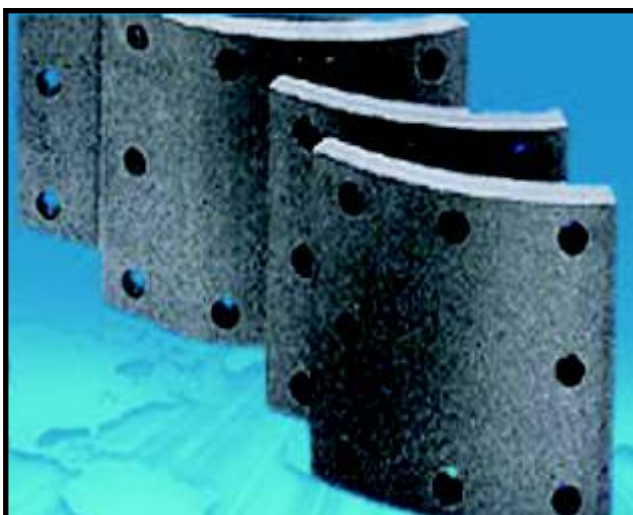
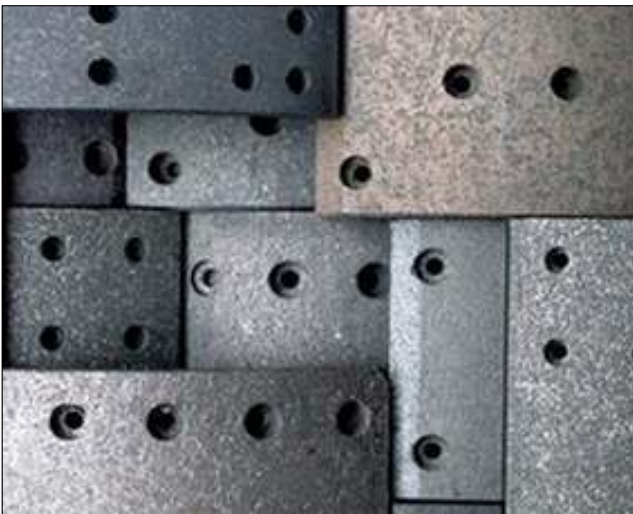
Brake Linings

We manufacture high quality asbestos and asbestos free brake linings, which have better friction, good anti-wear characteristics and excellent stability at high temperature.

Asbestos: It is known as Miracle Mineral. Quality of asbestos varies with fiber grades and lengths. It is used because of its unique properties and resistance to heat.

Asbestos Free: With the help of our Research and Development team we have found materials, which can replace asbestos and have better friction and anti wear properties. Materials like Kevlar, Glass, Carbon, Aramid and mixture of various metals are used to prepare the composition.

We have wide range of brake linings for trucks, buses, tractors and other light and heavy-duty range of commercial vehicles.



Roll Linings

We manufacture auto roll linings, which are of two types - woven roll linings and moulded roll linings. We offer closely woven, semi-rigid woven roll lining in metallic/non-metallic compositions, bonded by high temperature impregnate



for enhanced mechanical strength and better anti-fade and wear properties, moulded roll linings have both metallic/non-metallic friction material having random fiber base.

While the moulded roll linings are ideal for medium and light duty applications in industrial drum brakes, band brakes, passenger cars, light trucks besides other commercial vehicles, the woven roll linings are particularly suitable for heavy duty applications like industrial brakes, construction and earth moving cranes, mining equipment, forklifts, containers, elevators, agricultural machinery etc.

We manufacture roll linings in both asbestos and asbestos free material.

Woven Roll Linings

We manufacture closely woven, semi-rigid woven roll lining in metallic/non-metallic compositions, bonded by a high temperature to give it enhanced mechanical strength and good anti-fade and wear properties. It has high coefficient of friction and is flexible enough to accommodate small changes in radius and to be used as a band lining.



Particularly suitable for high duty applications like industrial brakes, construction and earth moving cranes, mining equipments, forklifts, containers, elevators, agricultural machinery. Transmission brakes, friction dampers, shock absorbers and heavy-duty brakes operating in dry conditions on internal / reverse and external band type applications.

Moulded Roll Linings

We manufacture asbestos and asbestos free moulded roll linings. It is a flexible moulded metallic/non-metallic friction material with a random fiber base. In medium and light duty applications it provides a smooth and powerful braking free judder or brake squeal. Being flexible it is easy to form any radius to accommodate itself on the shoe. It has a wide spectrum of applications and suitable size liners can be cut from it for industrial drum brakes, band brakes, for passenger cars, light trucks and other light and heavy-duty range of commercial vehicles.

RIVETS

Rivets are typically manufactured with either Oval, Flat, Flat Countersunk or Special Purpose heads. Oval Head rivets are the most common type of rivets, with a wide variety of fastening applications. Flat Head shoulder rivets are often used when the pieces joined by the rivet are free to rotate. Countersunk Head rivets are used when the rivet head must be flush with the pieces that it fastens.

Rivets Head Styles

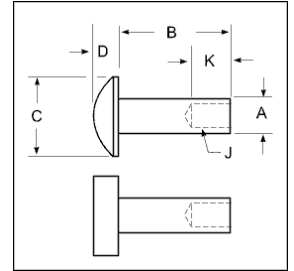
Semi Tubular Rivets

Solid Rivets

Tubular Rivets

Finishes

Black Oxide / Brass / Nickel / Tin / Zinc Clear / Zinc Black



DISC PADS

We manufacture asbestos & asbestos free disc brake pads using premium quality material, modern manufacturing technology and are designed to provide maximum safety under all driving conditions. They are formulated for smooth, clean operations with quiet performance, excellent drum and disc compatibility, good wear resistance, consistent stopping power in all conditions, from the quiet drive in the country to the harsh conditions, of city traffic. Our brake pads offer good and solid all round braking performance. They provide excellent pedal feel regardless of hot or cold braking conditions. Compared to competitors in the same class our disc brake pads offer:



- Advanced formulations to deliver increased stopping power
- Excellent consistency in braking performance
- Application specific shims for lowest noise and longest life



CLUTCH PLATES

Our clutch plates are forged out of high-grade materials. An excellent quality of hub and the use of thoroughly tested, field proven, friction material make our products singularly outstanding in performance and customer acceptance in the national and international markets. The clutch plates are supplied with asbestos and asbestos free clutch facings to suit the customer requirements. A wide range of clutch plates are available for different makes of light and heavy-duty commercial vehicles, cars, trucks, tractors, etc. There is also a provision to cater to the customized requirements for individual needs.

CLUTCH FACING

We manufacture asbestos and asbestos free clutch facings in moulded and woven compositions. Noted for their stability, burst strength and anti-judder characteristics, these clutch facings maintain a medium co-efficient of friction to give smooth and stable performance. These facings possess excellent modules of elasticity and are non-aggressive to mating surfaces.





Spare Parts





Clutch Cover



Brake Drum



Automatic Slack Adjusters



Container Lock



Spacer Wheel Rim



Torque Arm



Mounting



King Pins



Engine & Suspension Parts



Engine & Suspension Parts