



YOUR PARTNER FOR PREMIUM QUALITY BEARINGS

COMPANY

ITS Bearings stands for innovative premium quality.

Our bearings have earned the highest reputation for reliable performance under the most extreme conditions in industrial environments.

The members of our ITS Bearings Team are highly trained in all aspects of our manufacturing and are available for you around the clock.

We provide our customers with support throughout the entire life cycle of our products – from the initial idea, through optimisation of the application area, to the repair of bearings.

QUALITY

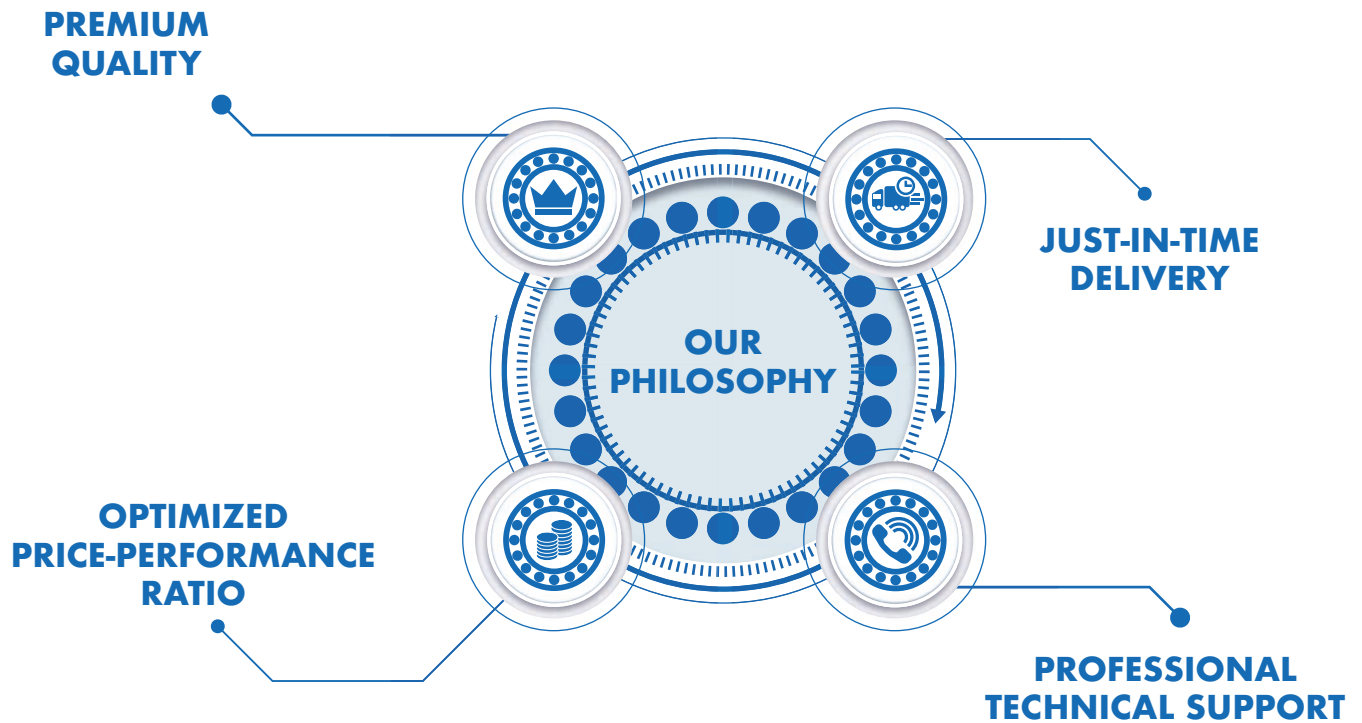
Our team consists of highly qualified technicians and employees.

Our quality management processes are highly professional and subject to the highest safety standards.

Furthermore, we work in close cooperation with numerous companies in the fields of product research and quality control to ensure the best quality of our products.

Our quality system consists of more than 20 experienced inspectors, more than 200 precise testing devices and a well organised calibration centre.

Computer-aided quality control ensures excellent product quality. Quality is our commitment. We constantly meet customer requirements by putting our resources to the most efficient use.



**„WE GUARANTEE THE HIGHEST
QUALITY, THE BEST PRICE AND
THE MOST PROFESSIONAL SERVICE!“**

PRODUCTS

Our products are used in a wide range of industries throughout the world.

These industries include automotive, agriculture and the steel industry.

The quality of our bearings meets the most demanding requirements.

Our bearings have the best reputation for reliable performance under extreme conditions in all areas of industry.

ITS BEARINGS: ENGINEERED IN GERMANY



ITS
BEARINGS

OUR PRODUCTS...



Deep groove
ball bearings



Axial deep groove
ball bearings



Single row angular
contact ball bearings



Spherical ball bearings



Spherical roller bearings



Axial spherical
roller bearings



Cylindrical
roller bearings



Axial cylindrical
roller bearings



Full complement
cylindrical
roller bearings



Tapered roller bearings



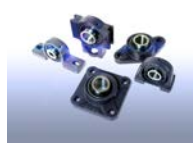
Needle bearings



Track roller, support
roller and cam roller



Agri-Hub bearing units



Bearing units



Spherical plain bearings



Rod ends



Bush Bearings



Axial/radial
roller bearings



Cross roller bearings



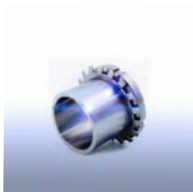
Needle roller/axial
cylindrical roller
bearings



Axial angular contact
ball bearings



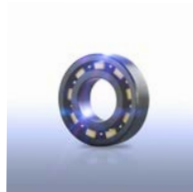
Plummer block
housings



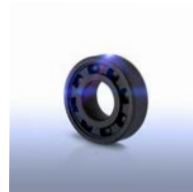
Bearing accessories



Slewing bearings



Ceramic bearings



High temperature
bearings



Thin section bearings



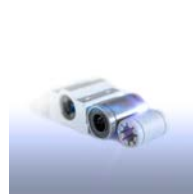
Carb-toridial
roller bearings



Special bearings



Ball units



Linear bearings



Ball, cylindrical rollers,
needles



Seals



Belt drive

**...FOR YOUR
BEARING NEEDS!**

**ITS
BEARINGS**

AGRICULTURE

Agriculture machinery must be highly productive and reliable.

The applications needed here pose exceptionally rigorous challenges for all mechanical components of an agricultural machine. Soiling and moisture, but also vibrations and incalculable shock loads represent only some of the factors that can affect and impact these components.

ITS has met these challenges and offers a wide range of standard bearings as well as highest flexibility for customised special solutions.

[ITS bearings perform reliably under the most severe operating and harsh environmental conditions.](#)


They have to satisfy the demanding needs of the agricultural industry – such as extreme temperatures, high loads, increased capacity and corrosive environments.

ITS offers high-quality bearings designed to exceed these requirements.

These bearings are manufactured using the latest state-of-the-art technologies to achieve higher performance under harsh and extreme working conditions and to improve corrosion resistance for extended service lives.



AUTOMOTIVE



Our high-quality bearings are an essential component in the automotive industry, since they are located overall the vehicle frame as well as inside other main components.

ITS is currently in the process of developing a variety of technologies to make cars run cleaner, safer and more economical.

In close cooperation with the automotive industry, we are always ready to contribute to the development and production of system solutions for the demanding challenges of the automotive future.

With our innovative ideas, creative engineering and comprehensive manufacturing expertise, we develop solutions from product development to series production and we supply our bearings in a wide range of shapes, sizes and designs.

We can provide the widest range of automotive bearings upon request, including wheel bearings, hub units, AC bearings, clutch bearings and other parts such as tension pulleys.

ITS Bearings are widely used in the OEM and MRO market for vehicles all over the world.

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MINING

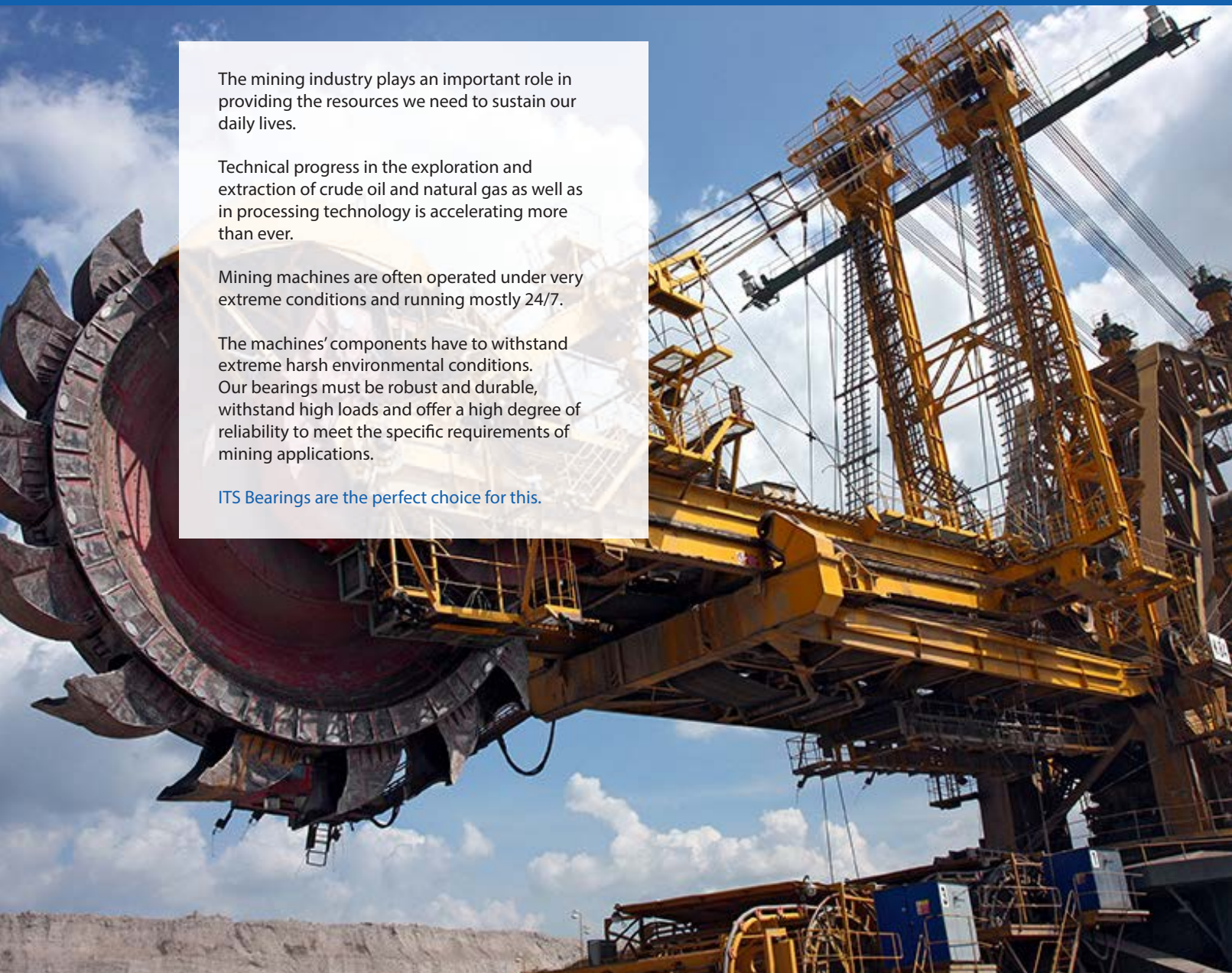
The mining industry plays an important role in providing the resources we need to sustain our daily lives.

Technical progress in the exploration and extraction of crude oil and natural gas as well as in processing technology is accelerating more than ever.

Mining machines are often operated under very extreme conditions and running mostly 24/7.

The machines' components have to withstand extreme harsh environmental conditions. Our bearings must be robust and durable, withstand high loads and offer a high degree of reliability to meet the specific requirements of mining applications.

[ITS Bearings are the perfect choice for this.](#)



CONSTRUCTION

ITS specialises in the development and production of high-quality bearings, assemblies and system solutions. Bearings in heavy construction machinery must operate under dirty and dusty conditions and withstand heavy loads.

ITS Bearings are found in all types of construction equipment, including cranes, hydraulic excavators, asphalt pavers, wheel loaders and many other types of heavy equipment used in construction projects.

By using our bearings, ITS ensures compact design and a smart, economical solution that can withstand any extreme conditions during development and construction.

Maximum load capacity and outstanding operation at high speeds, ITS offers you the optimum solution.

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FOOD INDUSTRY

The food industry sets extremely high standards when it comes to processing food. The producers work with organic substances that can cause highly corrosion of metals. This is why the bearings have to be very robust and corrosion-resistant.

These requirements are met by the use of ITS Bearings made of specialty steels and with a special surface coating. In the process, all other positive characteristics of a good bearing have to be ensured.

ITS is the right partner for this.
Providing expert advice and fulfilling the demand in the application.



MEDICAL INSTRUMENTS

Bearings that are employed in medical applications must meet special requirements.

Biocompatibility, corrosion resistance and sterilisation are just some of the many requirements that medical bearings have to meet.

With more than 20 years of experience, ITS bearings meets these requirements.



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PAPER AND CORRUGATED BOARD INDUSTRY

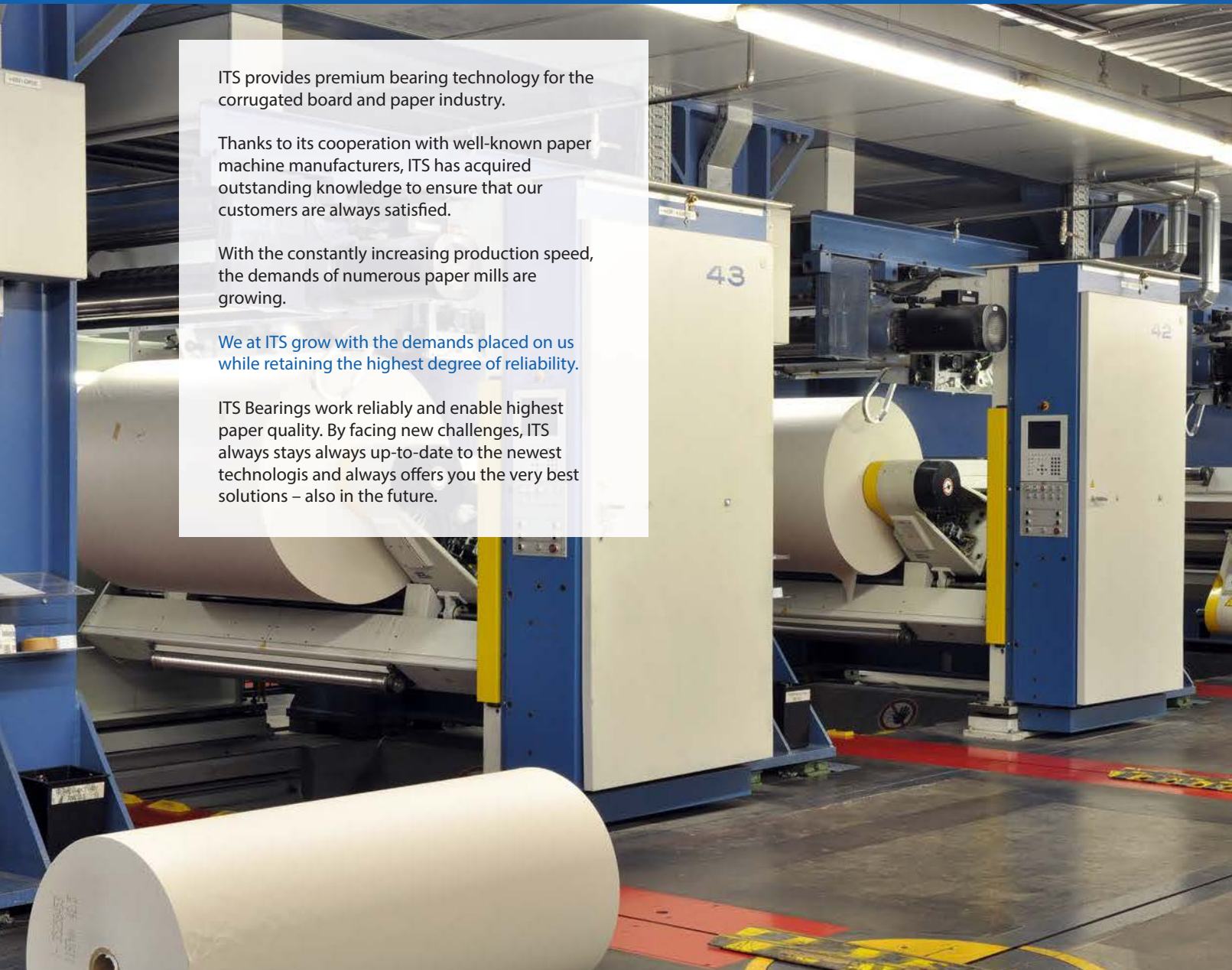
ITS provides premium bearing technology for the corrugated board and paper industry.

Thanks to its cooperation with well-known paper machine manufacturers, ITS has acquired outstanding knowledge to ensure that our customers are always satisfied.

With the constantly increasing production speed, the demands of numerous paper mills are growing.

We at ITS grow with the demands placed on us while retaining the highest degree of reliability.

ITS Bearings work reliably and enable highest paper quality. By facing new challenges, ITS always stays up-to-date to the newest technologies and always offers you the very best solutions – also in the future.



STEEL INDUSTRY

The iron and steel industry is subject to extremely harsh conditions.

ITS is able to deal with extreme conditions in the iron and steel industry.

High temperature differences, belt speeds of more than 2000 m per minute, high dirt environment, vibrations and shocks are not a problem for our bearings.

ITS Bearings can handle these loads and extreme conditions through all the processes of the production of the steel, starting with raw material preparation, and melting of the steel, to the rolled product.

We develop all kinds of bearings designed to the requirements and needs of the entire spectrum of the steel industry and related branches of industry.

The customised ITS bearings have proven themselves even in the most critical applications and our quality guarantees the highest level of reliability.

ITS
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MACHINE TOOLS

ITS Bearings are essential components in a large number of CNC machines. Bearings used in machine tools typically require for long service life, extreme stiffness and precision, and the ability to handle heavy loads.

ITS is the reliable partner for the complete range of machine tool bearings, including axial-radial bearings, angular contact ball bearings and cross roller bearings.

ITS Bearings used in machine tools are characterised by long service life, extreme stiffness and precision as well as the special ability to handle heavy loads.



RENEWABLE ENERGIES

The term renewable energies or regenerative energies refers to energy sources that are practically inexhaustibly available for sustainable energy supply or that renew themselves relatively quickly.

Reducing the costs of generating electricity from wind power continues to represent a major challenge in the wind industry.

Bearings from ITS with higher reliability and cost-effectiveness make a valuable contribution to this.

Solar thermal systems make use of the heat from solar radiation. If solar rays are to be focused precisely on the absorber of a solar tower, even from distant heliostats, it must be possible to move the mirrors' tracking systems with utmost accuracy and precision.

The use of ITS Bearings ensures the lowest possible friction and very high stiffness. Hence, the principle is: high reliability at low costs.

ITS BEARINGS „THAT IS THE WAY!“

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