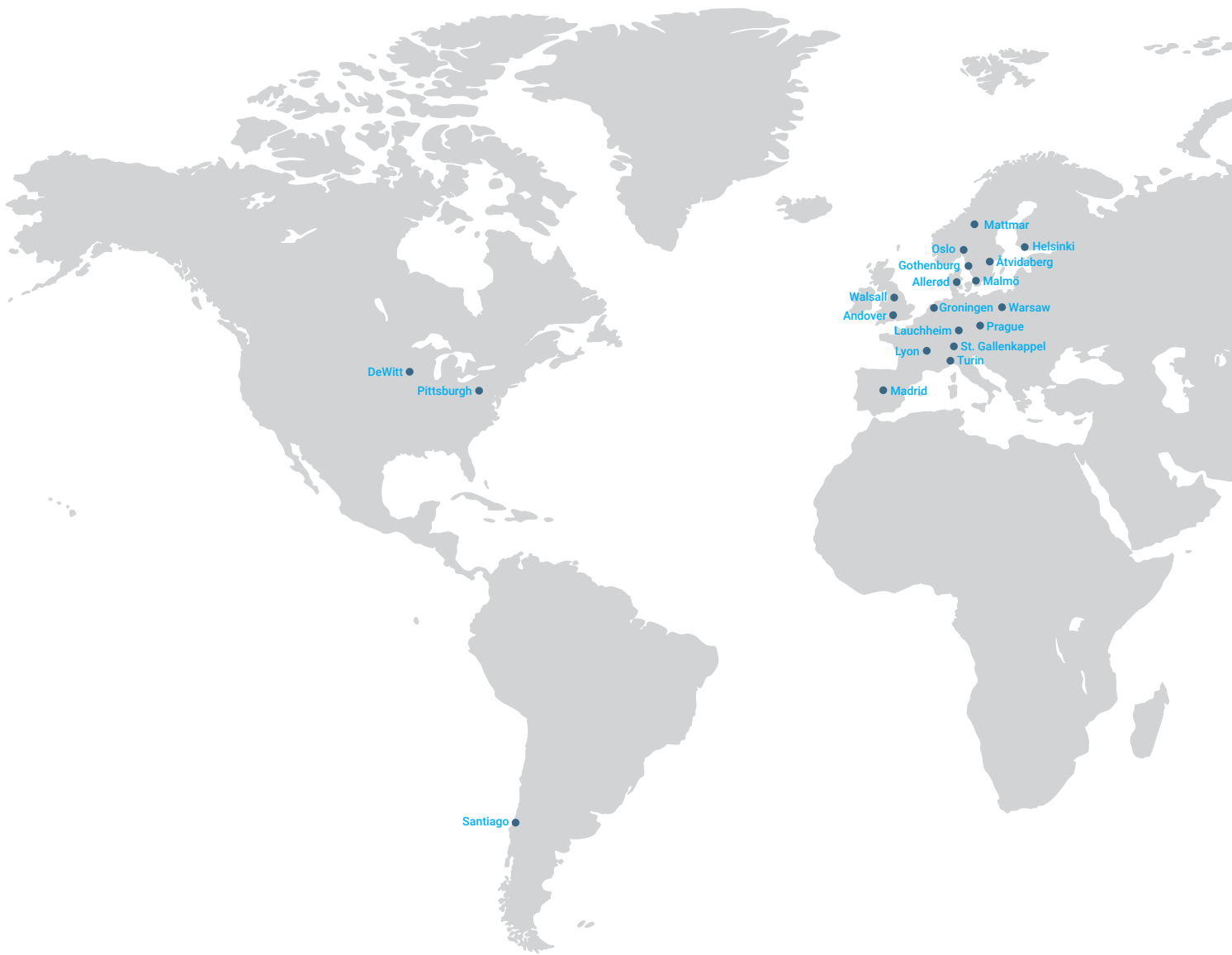


WHEN SAFETY REALLY MATTERS

OPTIMIZE YOUR INDUSTRIAL APPLICATIONS WITH
SECURE BOLTING AND ENGINEERED SOLUTIONS





DEDICATED TO HIGH QUALITY SOLUTIONS SINCE 1982

Nord-Lock Group has secured billions of bolted connections in millions of applications all over the world. All our solutions are developed and manufactured in-house, ensuring they meet the highest standards in the industry. From production to engineering and sales, we have a world-class team of 600 employees that is always ready to deliver.

When customers choose a solution from Nord-Lock Group, they are choosing peace of mind: sound investments in both asset protection and human safety.

Nord-Lock Group is wholly owned by Investment AB Latour, a mixed investment company quoted on the Nasdaq OMX Stockholm. Latour is comprised of wholly owned industrial operations and a portfolio of listed holdings.



1982

Nord-Lock invents the original wedge-locking technology and its washers become the global leader in industrial washer solutions



1994

Nord-Lock Group acquired by Swedish investment group Latour



1998

Global expansion with local subsidiaries and distributor networks in Europe, the Americas and Asia Pacific



2011

Acquisition of Superbolt, inventor of the patented multi-jackbolt tensioning technology



WE ENSURE YOUR MECHANICAL PARTS STAY TOGETHER

Bolted connections make up the foundation of every application in our daily lives. If mechanical joints become loose or lugs are worn, the functionality of the application is put at risk – resulting in costly repairs and safety concerns.

If you have an engineering challenge, we will provide you with a solution that maximizes the productivity, safety and reliability of your application. More importantly, you can rely on our expertise to support you with the in-depth bolting, tensioning and pivot pin knowledge you need to complete your project successfully.



2015

Acquisition of Boltight, pioneer in hydraulic bolt tensioning technology



2016

Acquisition of Expander System, leader in pivot pin technology



2017

Nord-Lock Group strengthens its digital focus with more tools and online services to support its expansion and highly skilled engineers



2019

As a thought leader in the field of engineering, Nord-Lock Group continues to expand its technical services to customers worldwide

SPECIALISTS IN BOLTING, DESIGN AND ENGINEERING

Engineering projects are complex and can encounter many difficulties that cause delays and budget problems. Our technical teams are passionate about sharing their knowledge, insights and expertise to ensure optimal long-term solutions.

We work closely with you to understand your needs, solve your problems and support your projects from the initial planning to installation and ongoing maintenance. Our services focus on life cycle profitability, design and production, and training and installation support. With a commitment to delivery excellence, we ensure that you will receive the correct components on time.





WE OPTIMIZE YOUR APPLICATION'S LIFE CYCLE PROFITABILITY

Through in-depth knowledge and consultations, we assist you in generating a detailed design view of your bolted connections. We will recommend the most effective solutions, along with long-term cost justification.

WE ENSURE THE SAFETY OF YOUR MECHANICAL JOINTS

We keep up with technological innovations and the extraordinary demands on bolting solutions from our customers. With close cooperation, standard and customized products can be designed and manufactured quickly.

Our six technical centers located in Europe, North America and Asia are equipped with the latest testing technology to perform bolted joint analyses. Our technically competent engineers can provide services from joint calculation and hardness testing to finite element analysis and Junker vibration tests. Furthermore, they can perform thorough investigations of your bolted connections with on-site testing and validation.



WE PROVIDE TRAINING AND INSTALLATION SUPPORT

The more you know about the mechanical behavior of bolts, the less likely you are to encounter challenges or machine downtime. We offer on-site and remote training sessions to educate your team. This includes installation support, as well as assistance with service and retrofitting. E-learning courses, web applications and resources are also available for knowledge building.



WE FOCUS ON DELIVERY EXCELLENCE

The quicker you receive your solutions, the sooner your projects can be completed. Therefore we have developed – and continue to perfect – the robustness of our logistics system. Our products are supplied through distribution centers in Europe, North America and Asia to our mature network of authorized partners, ensuring we are able to deliver our products anywhere in the world.

CHALLENGE:

Bolt loosening decreases operational reliability, increases maintenance costs and exposes applications to risks of unplanned production stops and accidents.

SOLUTION:

Nord-Lock wedge-locking technology prevents bolt loosening by securing bolted joints exposed to external factors, such as vibration and dynamic loads.

NORD-LOCK®



- Utilizes tension instead of friction to secure bolted joints.
- Suitable for a wide range of application sizes and joint types.
- Withstands extreme environments with high corrosion and thermal expansion.
- Quick and easy to install and remove with hand tools.
- Products are laser marked to allow full traceability right down to the raw materials.
- Certified by DNV GL, TÜV, DIBt, EBA and Lloyd's Register.
- Products designed and manufactured in Sweden.



We are the first bolt-securing partner to offer a full life cycle warranty across all its technologies. The Nord-Lock Group Lifetime Warranty ensures your solution will perform as expected from the moment it is installed until the end of its intended life cycle.

CHALLENGE:

Large bolts that are tensioned inaccurately decrease the efficiency of applications while increasing the cost of downtime and the risk of accidents.

SOLUTION:

Superbolt multi-jackbolt tensioning technology allows you to tighten large bolts safely and accurately using simple hand tools.

SUPERBOLT™



- Tightens large bolts easily.
- Direct replacement for conventional nuts and bolts.
- Achieves accurate preload and prevents joint loosening, minimizing fatigue and prolonging bolt life.
- Tightens with pure tension, allowing higher preload with greater accuracy.
- Quick installation and removal, especially in confined spaces.
- Certified by TÜV and DNV GL.
- Products designed and manufactured in the United States and Switzerland.

CHALLENGE:

As bolts increase in size, so does the challenge of ensuring bolt load accuracy. Due to friction, it can be difficult or even impossible to accurately control using traditional torque methods.

SOLUTION:

Boltight hydraulic bolt tensioning technology makes it possible to tighten and loosen multiple bolts simultaneously.

BOLTIGHT™



- Tightens bolts simultaneously and ensures even preload.
- Achieves correct bolt elongation.
- Ensures extreme accuracy, speed, uniformity and safety of any bolt tightening situation.
- Applied load is accurately controlled.
- No friction needs to be overcome.
- Certified by Lloyd's Register.
- Products designed and manufactured in the United Kingdom.

CHALLENGE:

Lug wear significantly increases costs due to labor, replacement materials and downtime. Traditional repair methods are temporary, meaning lug wear will recur and the same costly replacements and downtime are necessary.

SOLUTION:

Expander System pivot pin technology prevents the formation of lug wear.



Expander®



- Installed directly into lugs of new machines or used as spare part for repairs.
- Saves costs as additional fastening holes, threads and welding of locking ring on machine are not needed.
- Up to five times longer service life of bushings and bearings compared to a straight pin due to less pivot movement.
- Increases safety against breakage.
- Certified by TÜV and DNV GL.
- Products designed and manufactured in Sweden and the United States.

BOLTING AND ENGINEERED SOLUTIONS

Nord-Lock Group believes that no one should have to question the integrity of the mechanical systems that play such a critical role in our way of life. As a global leader in engineering and bolting technologies, we strengthen public and industrial infrastructures with high-quality, safe and innovative solutions that will change the face of global industries for decades to come.

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