



accurate
— HELICAL SPRINGS PVT. LTD —

**RELEASE YOUR TENSIONS
OUR SPRINGS CARRY THEM**

Introduction

Accurate Helical Springs Pvt Ltd spread over an area of 15,000 sq. ft. in Mumbai was established in the year 1969. For over 5 decades of expertise in manufacturing of products like compression springs, torsion springs, extension springs, rings, retaining rings, spring assemblies, garter springs, wire form springs, copper coils, micro-springs, etc, Accurate has evolved to become one of the leading manufacturers in this industry worldwide. With our commitment to service combined with our near-perfect record of on-time delivery, we are able to deliver a bespoke service to our wide customer base of 250+ clients across 15 nations. We are one of the proud user members of the software from the “ The Institute of Spring Technology, UK” for checking the spring feasibility and hence delivering every product with a leading edge. Our products are backed by ISO 9001:2015, ISO 14001:2015, BS OHSAS 18001:2007 certifications. At Accurate we believe in complete customer satisfaction and hence we deliver the best





quality springs with speed and accuracy. With years of quality experience we have developed a highly efficient Quality System and as a result, we believe our system is foolproof and adaptable to meet any individual customer specific requirements.

Core Purpose

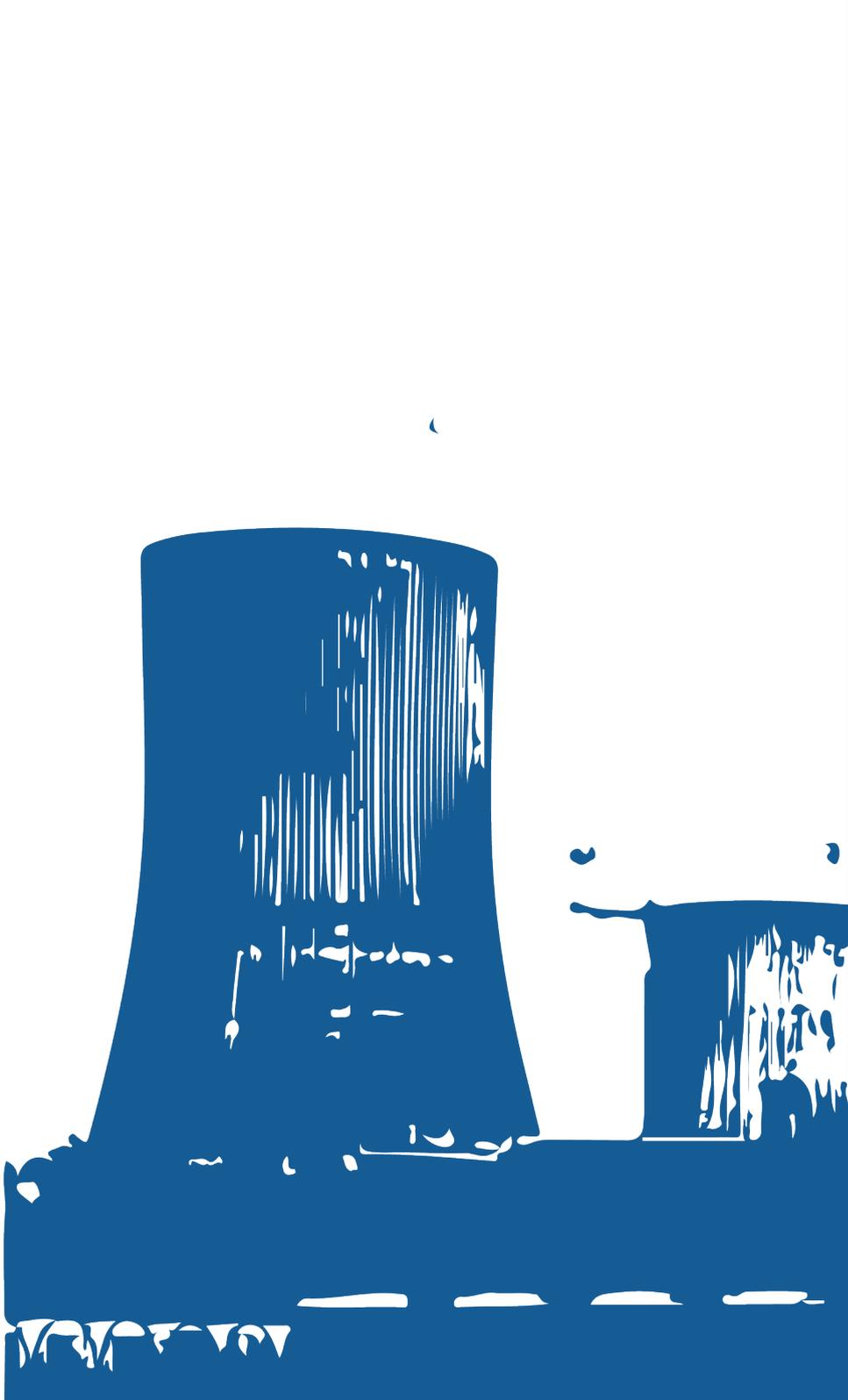
To boost customer confidence by enhancing productivity, efficiency and reliability.

Core Values

- Value Addition.
- Going out of the way.
- Always think long term.
- Continual Up gradation.
- Working in a family environment



**WE USE SPRINGS
EVERYWHERE**



NUCLEAR

Sector Info

One of the major products that go out into this sector is compression springs that are used in control rods of nuclear reactors. Now with such imminent dangers in the nuclear sector, accurate works hard to fulfil the promise of precision and accuracy and delivers that to clientele such as



AUTOMOBILE

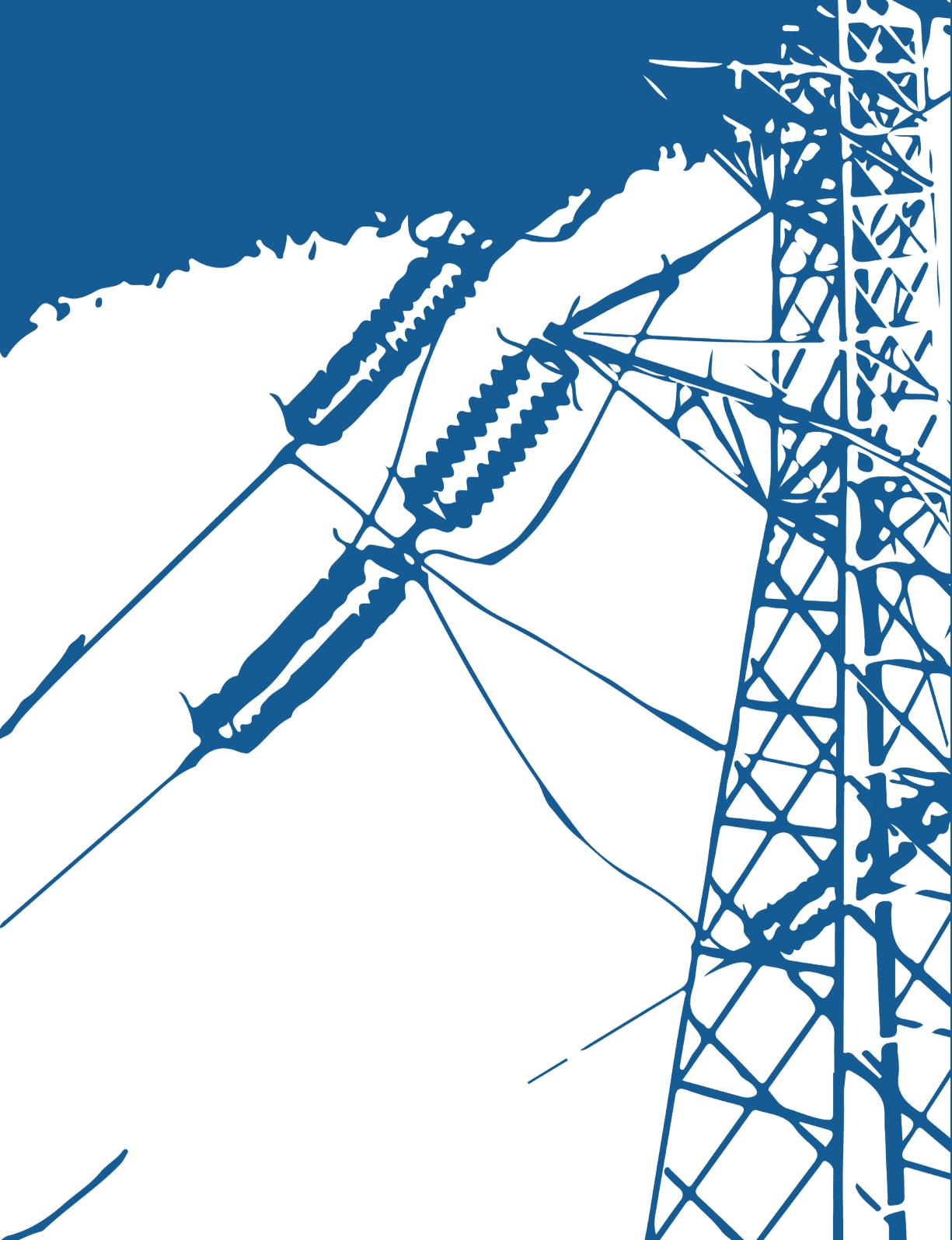


Sector Info

A compression spring is one of the most efficient energy storage devices that offers resistance to the axially applied compressive force. These springs come in different shapes such as cylindrical, hourglass, conical, and barrel. When you put a load on a compression spring, it compresses and pushes the load back to get back to its original shape. These springs play an important role in the assembly of automotive parts and allow the efficient and safe operation of the automotive components. Proudly serving:



Mahindra

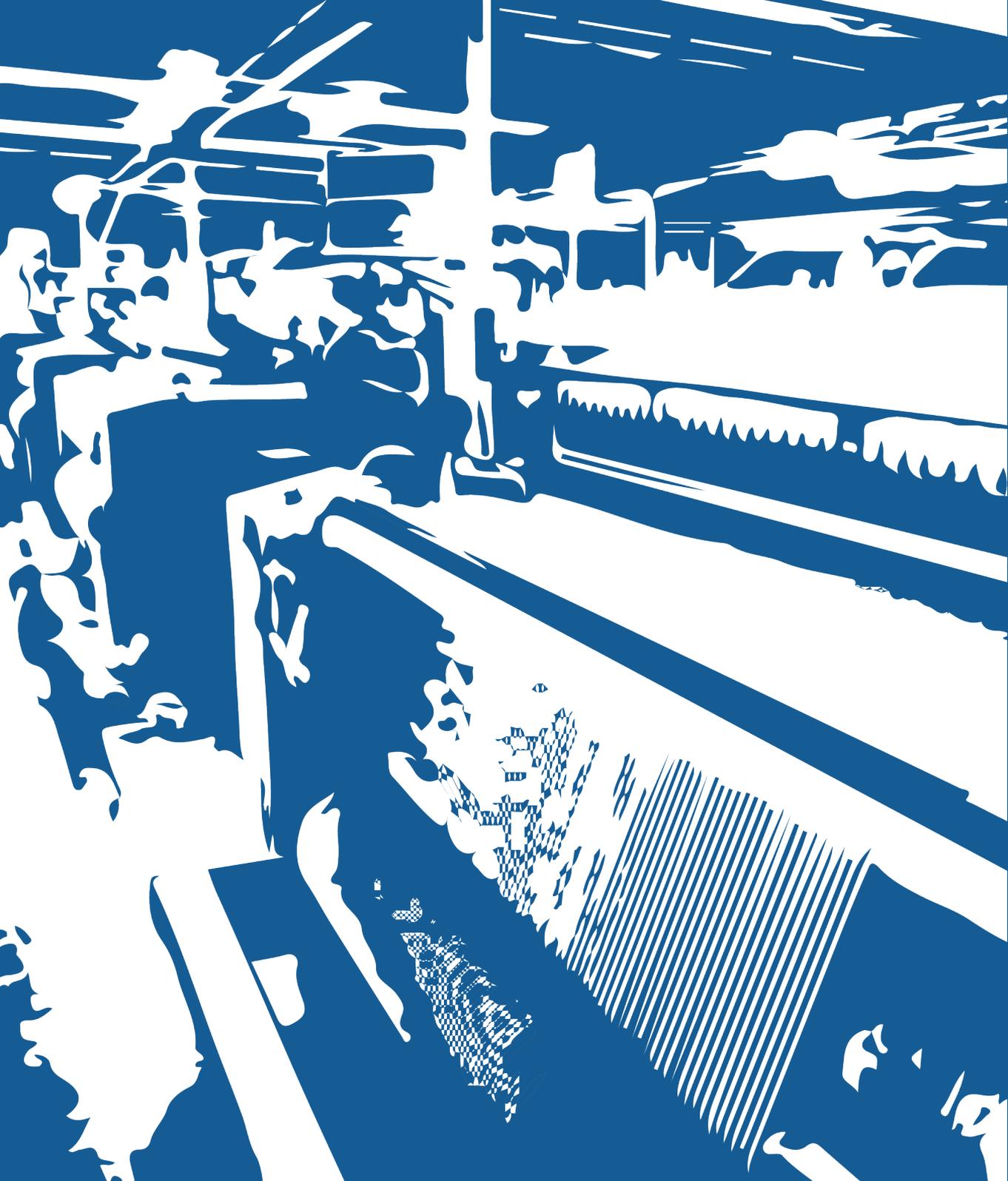


ELECTRICAL

Sector Info

Storing the excess mechanical or electrical energy to use it at high demand time has great importance for applications at every scale because of irregularities of demand and supply. Energy storage inelastic deformations in the mechanical domain offer an alternative to the electrical, electrochemical, chemical, and thermal energy storage approaches studied in recent years. For this urgent need, we currently provide springs to:





TEXTILE

Sector Info

Many textile springs, furniture spring, and metal form customers request secondary operations to improve part lifespan and operation. We offer a full line of secondary and finishing operations, including heat-treating, grinding, stress relieving, painting and more. As one of the leading manufacturers of springs in India we produce high-quality springs of those requirements and some of our satisfied customers are:



Saurer.Peass

Peass Industrial Engineers Pvt. Ltd.
RANGE OF TEXTILE MACHINES



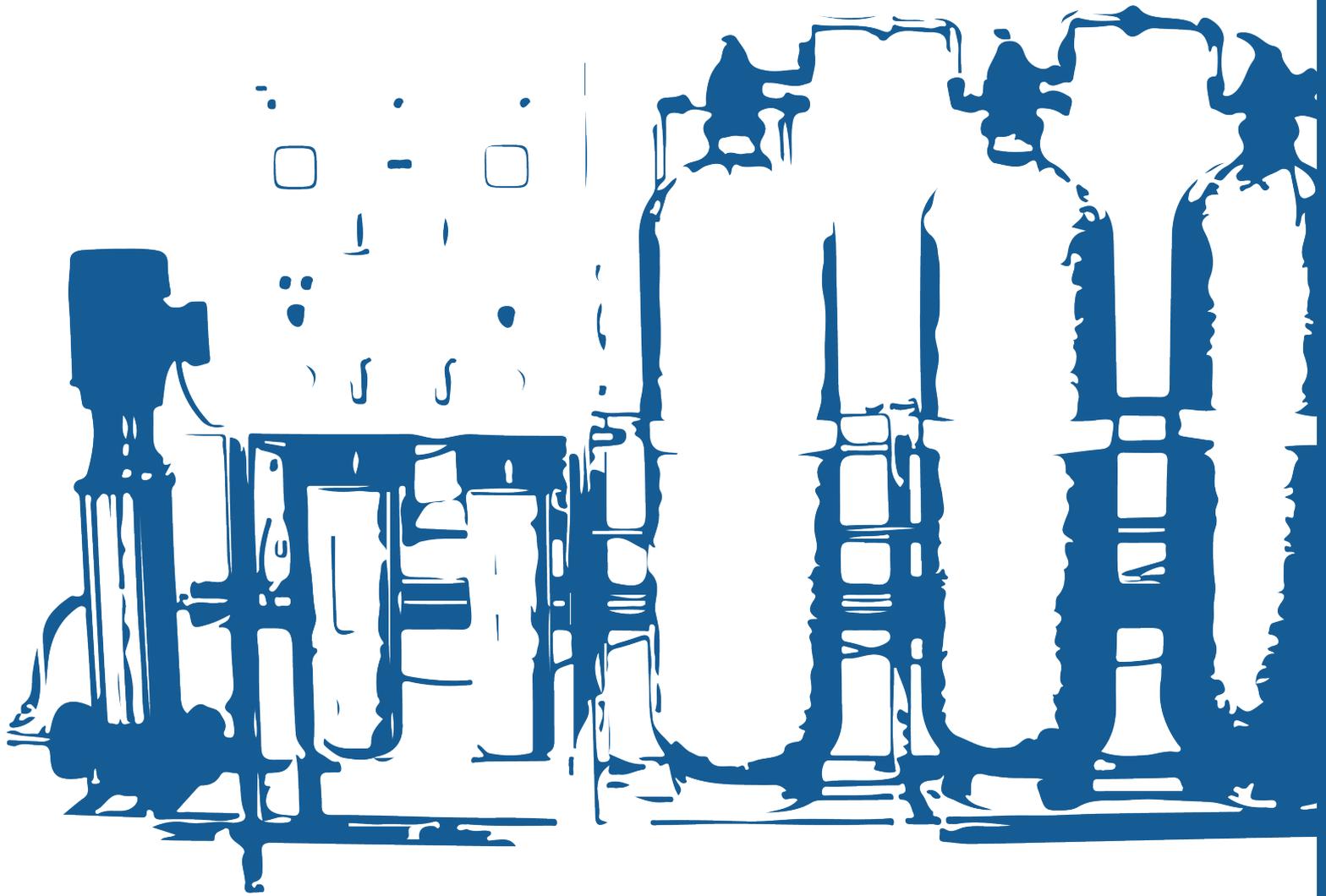


CONSTRUCTION

Sector Info

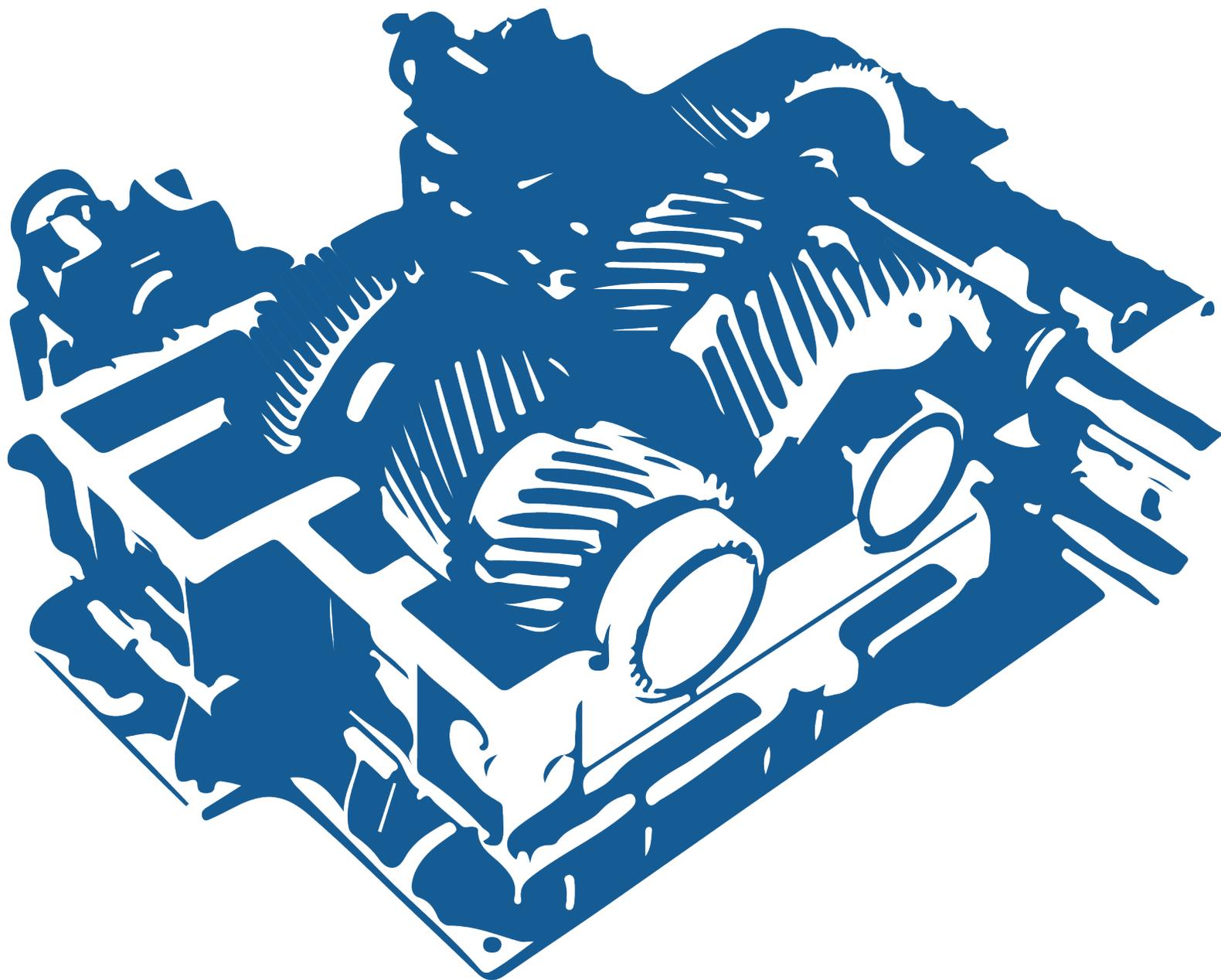
Compression springs are among the most common types of spring available due to their energy storing properties. When the coil is pressed, it stores the energy until it is released: ideal for everything from trampolines to mattresses, and shock absorbers. Whereas an extension spring is designed to pull things together, compression springs are designed to keep things apart. In order to make the spring dependably solid, the pitch, or 'distance between coils' must be kept the same throughout the wire. With our fully automatic CNC machines this is not a problem for us, just ask:





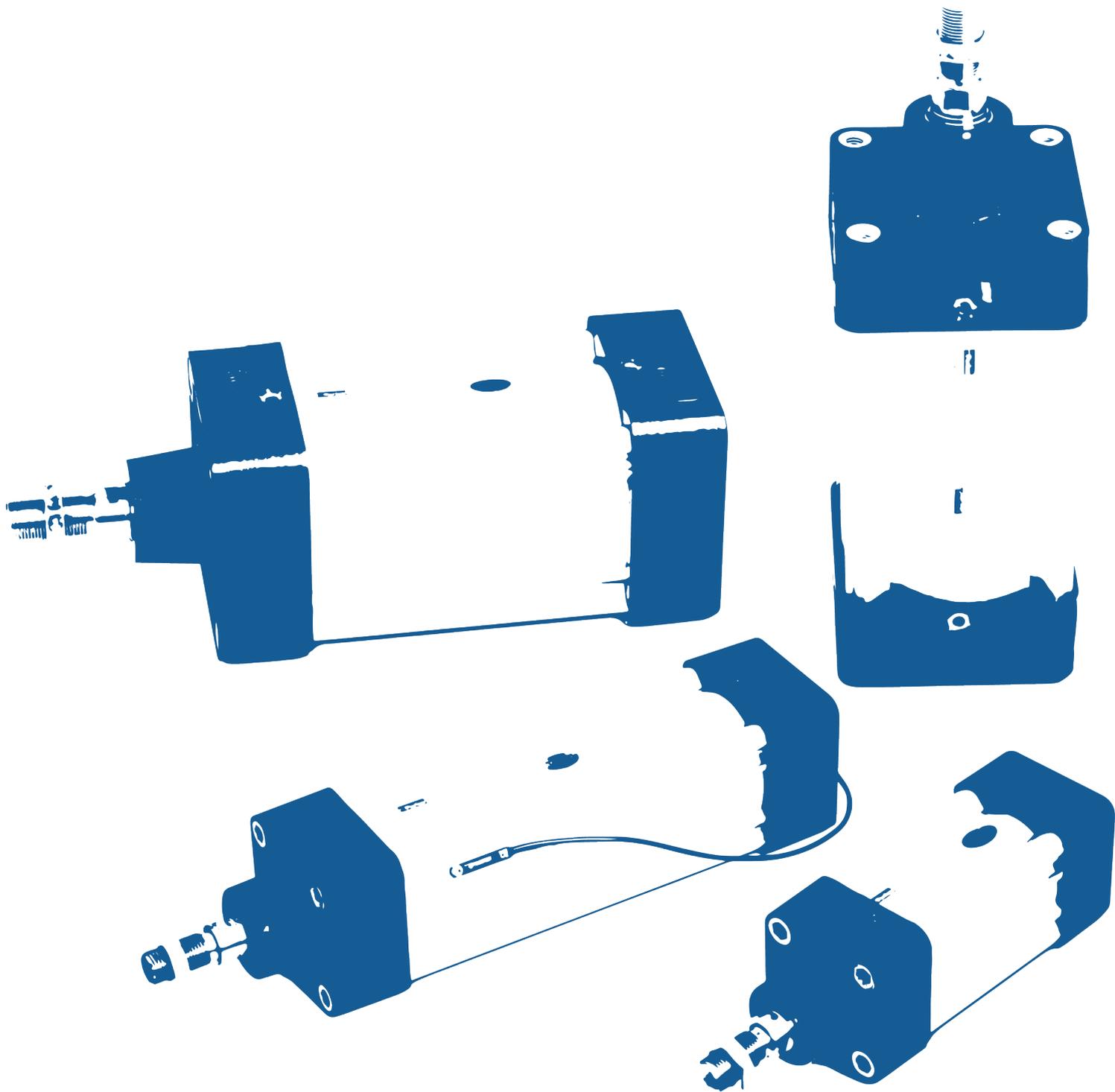
Sector Info

A lot of manufacturers use multiple filter technologies in their products. This is a sensible approach. Filter quality depends on the manufacturer. Most manufacturers should test and certify their products with a third party organisation such as NSF International or Water Quality Association. To fulfil the needs to these quality tests we have our own quality controlled springs manufactured and used just for this purpose.



Sector Info

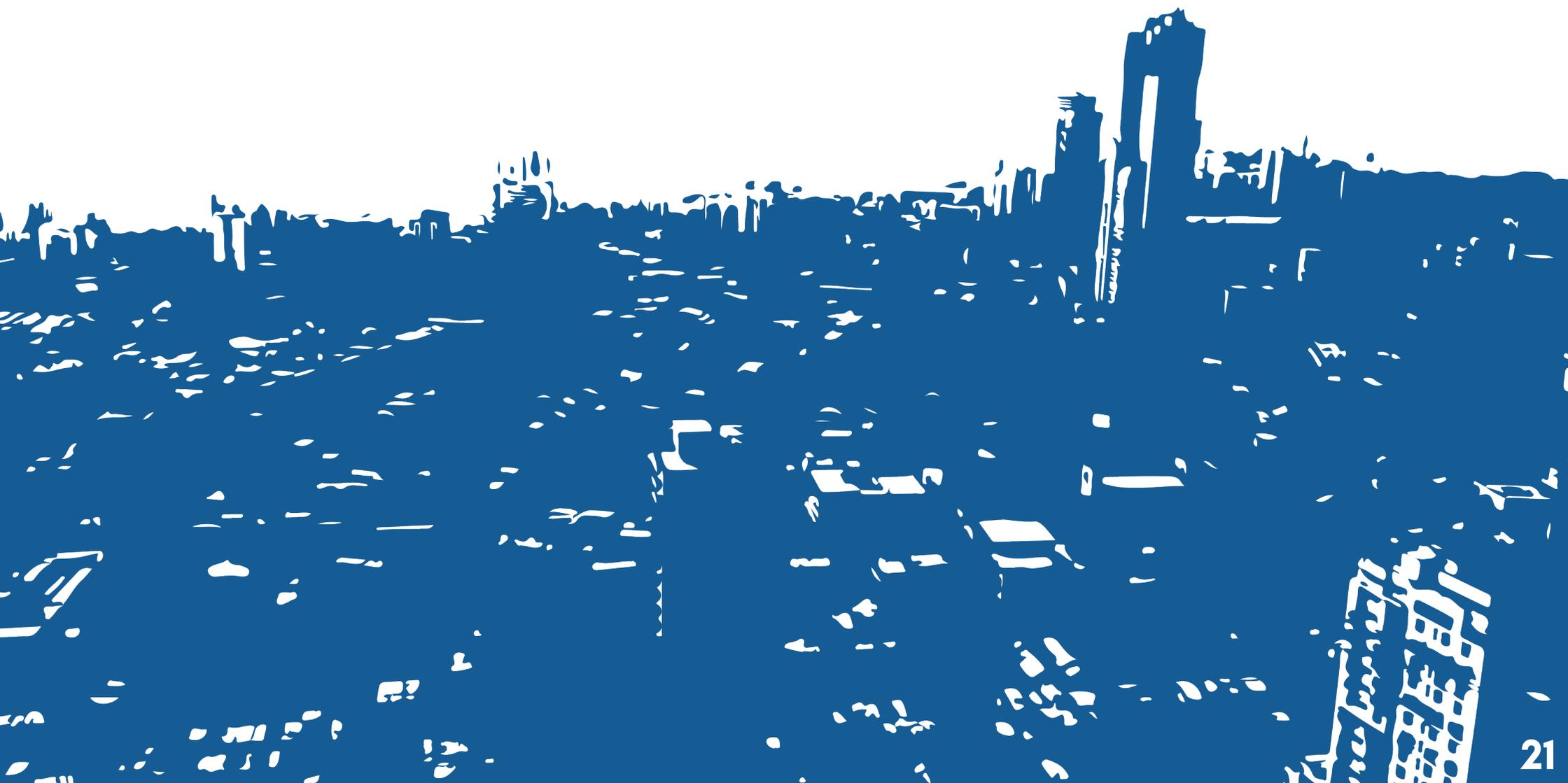
Application-tailored and custom gearboxes are increasingly common, mainly because they're easier than ever to manufacture to specification. That's not to say that the design work isn't challenging. However, modern manufacturing lets some suppliers make gearboxes and components to meet specific application requirements. And in this sector, the focus springs are compression springs and we provide these to:



Sector Info

Pneumatic valve springs gave Renault an advantage with its turbocharged engines, often said to be one of the most powerful. However, reliability and poor handling of their chassis kept the cars from success until 1989, when Renault provided Williams with a new V10 engine that began a winning streak. Pneumatic valve springs are also found in several Moto GP motorcycle engines, debuting in 2002 with the Aprilia RS Cube. In 2005, Team Roberts was the first to use pneumatic valves full-time in their uncompetitive KTM powered bike. Today, almost all of the MotoGP teams use pneumatic valve technology on their bikes, including Yamaha, Suzuki and Honda. Ducati uses a desmodromic design.

AND MANY MORE SECTORS



Manufacturing

Our Manufacturing unit is dedicated to manufacturing high-quality springs according to customer requirements. We boast about our large fleet of fully automatic CNC (computerised numeric control) machines which includes CNC compression springs coiling machine, CNC machine making copper coils, Tension springs making CNC machine, Torsion springs making CNC machine, etc. We are also equipped with machines where springs are automatically sorted and faulty springs are removed. With these high-tech machines, we are able to reduce a high degree of human errors in secondary operations.

At Accurate, we manufacture more than 5,000 different types of springs all ranging from 0.1mm to 12mm thickness which finds application in almost every sector right from manufacturing of an electrical switch to an aircraft.

Here, double torsion springs, extension with square or complicated hook forms springs, etc can also be easily manufactured.

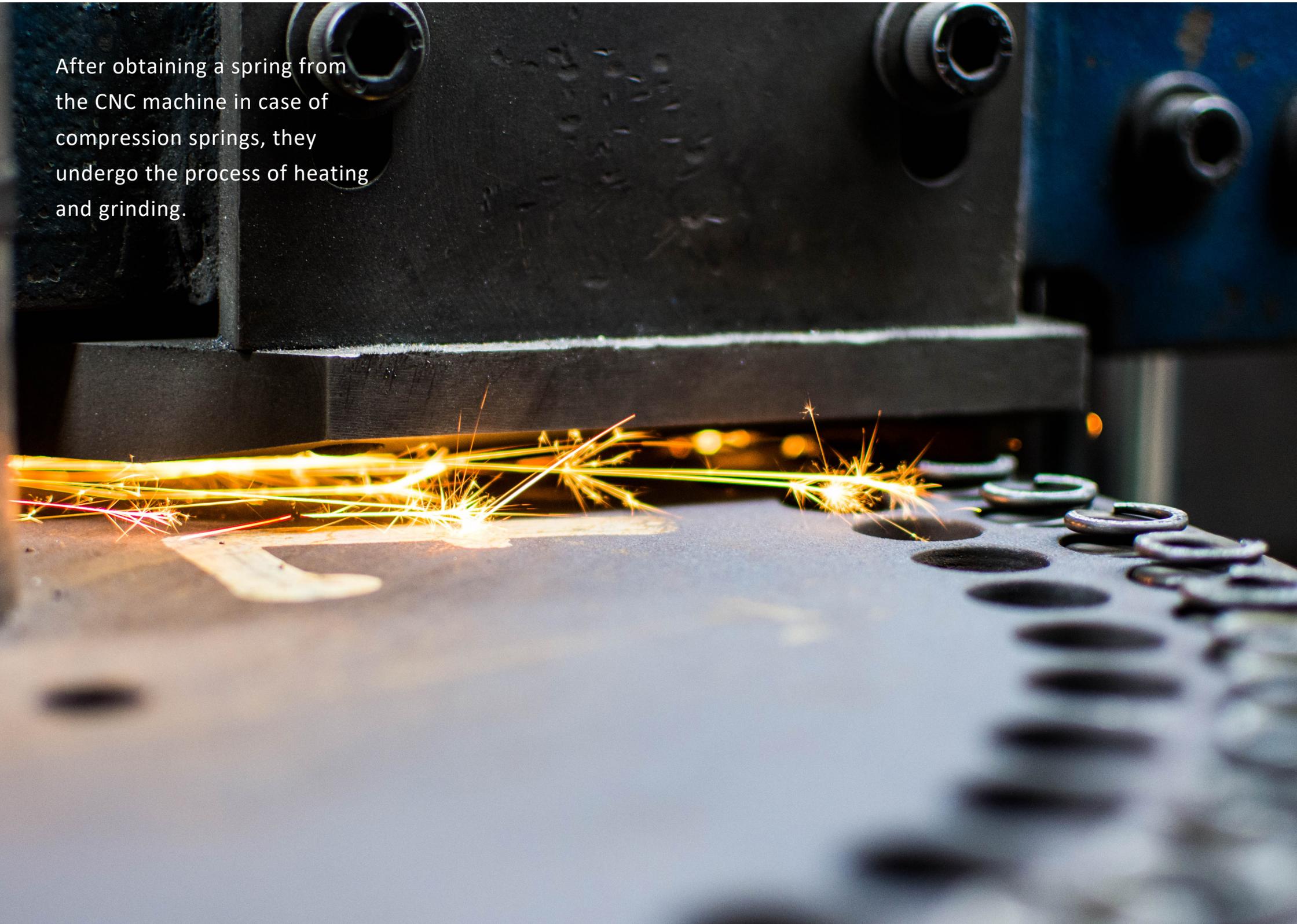
Over the last decade, with our talented team of engineers, we have been successful to provide a fast, precise and economical solutions to custom manufacturing demands.



After procuring the raw materials the first part of the process is coiling where the wire is bent into a spring shape by our hi-tech CNC machines.



After obtaining a spring from the CNC machine in case of compression springs, they undergo the process of heating and grinding.



Product Range

Accurate Helical Springs engineers a broad portfolio of high-quality products including more than 5,000 types of springs, retaining rings, spring assemblies, etc. Our manufacturing capabilities span the most extensive range of standard and customised products in the industry. We have the facilities, equipment, and know-how to manufacture the most diverse products available anywhere. With the increasing demand, we have invested heavily for the quality of raw materials and hence enhancing the quality of products.

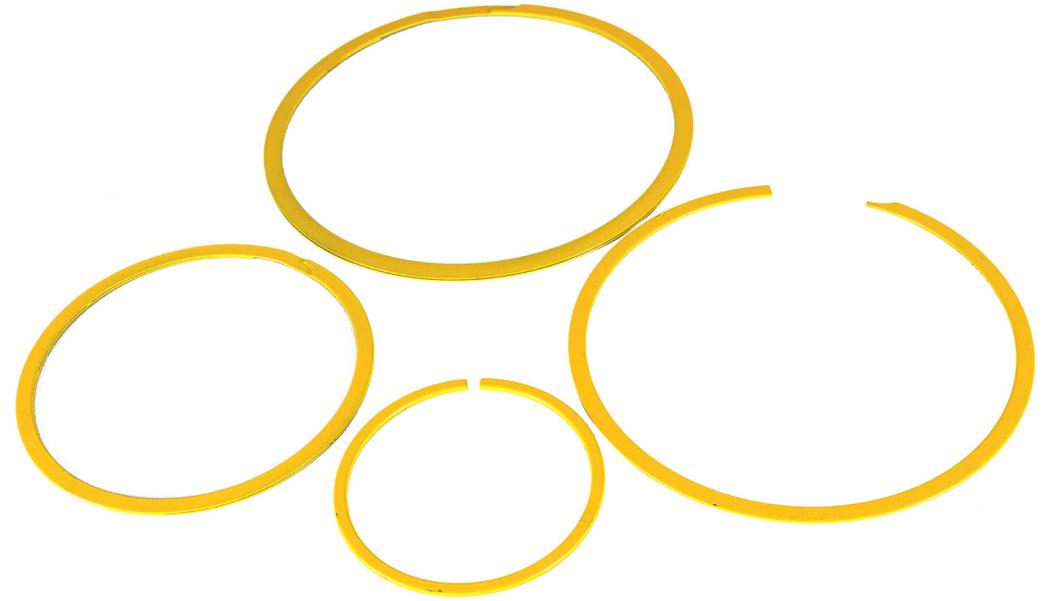
Our processes are implemented by leveraging the creative and innovative skills of technicians operating state-of-the-art equipment. All procedures are aligned to ensure the delivery of value to our customers and ultimately to their customers.

Compression Springs



Extension Springs

Retaining Rings



Torsion Springs

Spring Assemblies

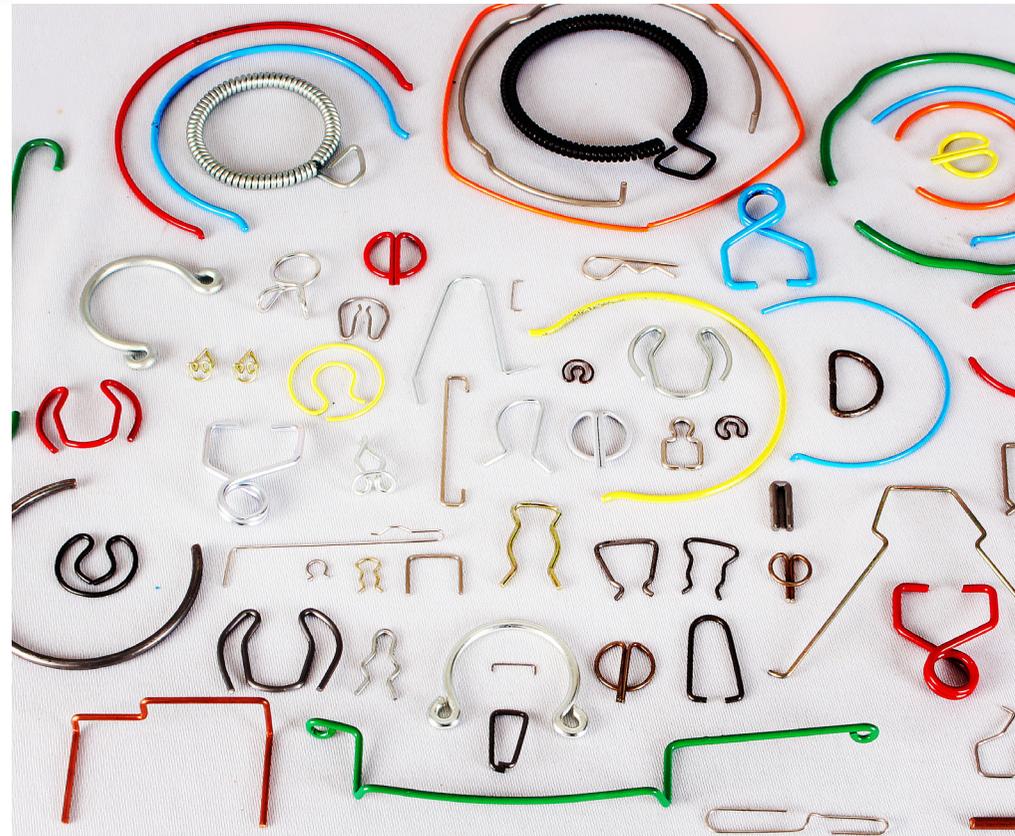


Garter Springs



Copper Coils

Wire Form Springs



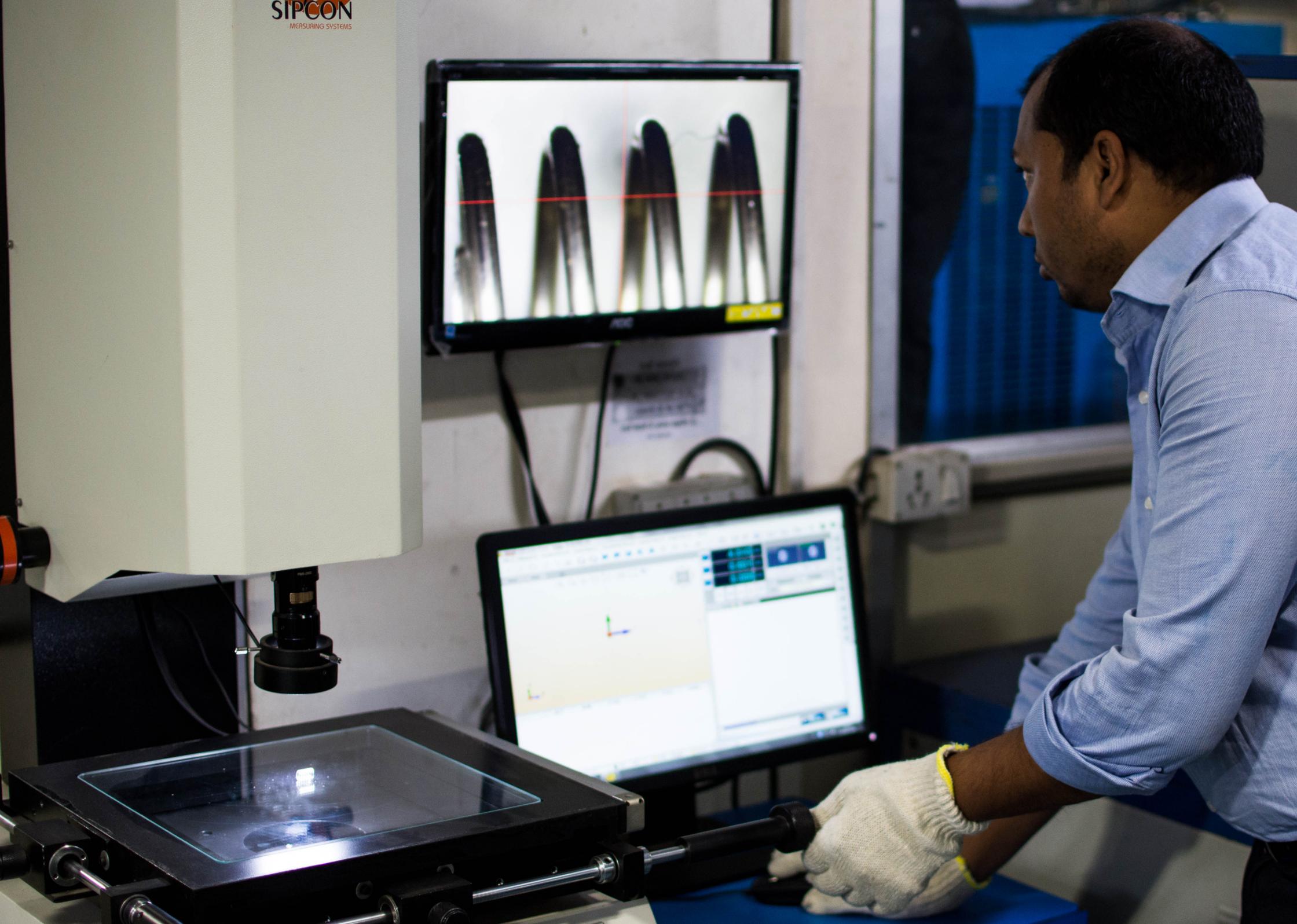
Metal Rings



Quality Assurance

At Accurate, total quality management philosophy dictates our commitment to quality and customer satisfaction. While this promise has made us an ISO 9001:2015, ISO 14001:2015, BS OHSAS 18001:2007 certified company. Our state of the art Quality Assurance labs is facilitated with machines such as Torsion Spring Tester machine, Universal Load Testing machines, UTS testing and Fatigue Testing machine, Salt Spray Tester, Profile Projectors, etc. Our quality assurance labs are designed to satisfy customers' demands with products that satisfy national and international standards leaving a commendable impression on customers' mind.







PHILIPS



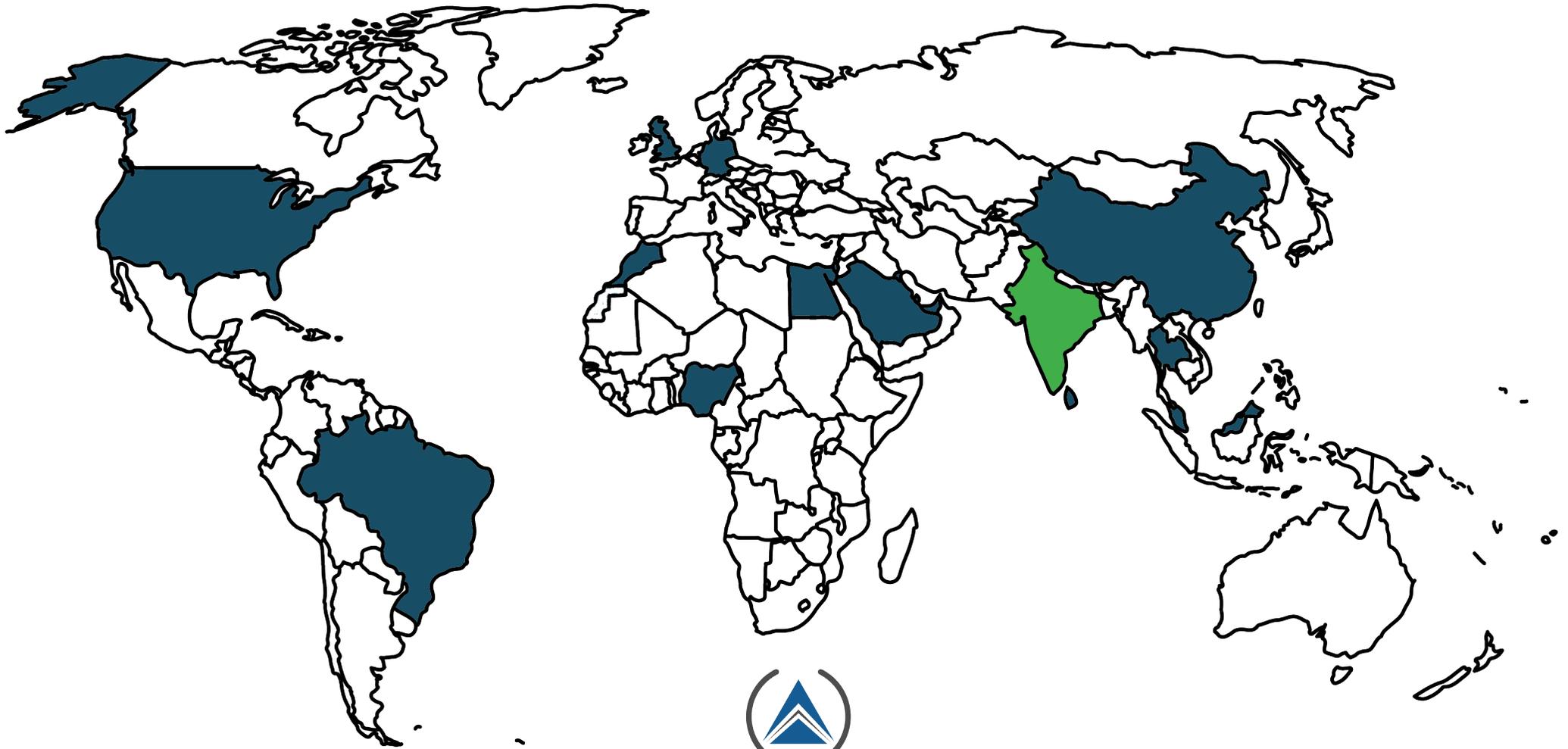
OTIS



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Next can be you



Key

- Export Countries
- Home base



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