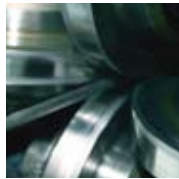




**YOUR RELIABLE SPRING SUPPLIER**



## **SPINOVA - "AN EXAMPLE OF EXCELLENCE IN SWEDISH INDUSTRY"**

When you use Spinoва, you get the right quality, right technology and top-of-the-range service. The Swedish ingenuity, hard work and cost-efficiency, coupled with 30 years of experience, are free. All this has made us known as the market's most reliable manufacturer of customized springs and wire forms. We are considered the leading manufacturer in the compression springs segment in Sweden.

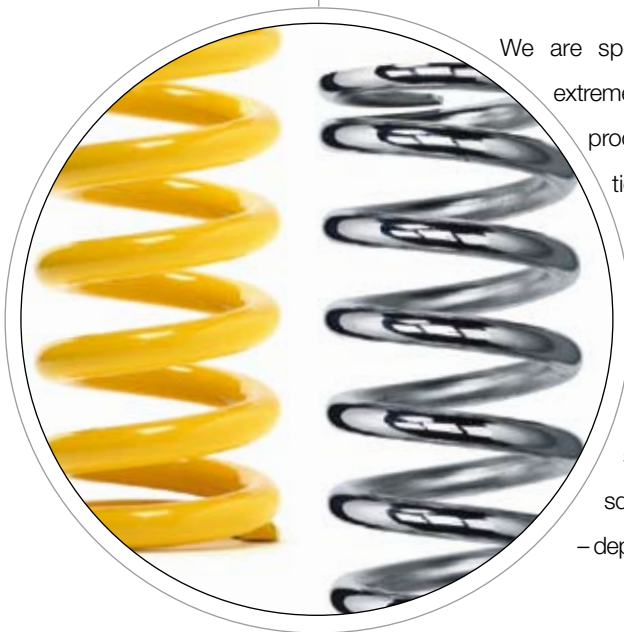
The close cooperation with our customers and suppliers, plus continuous investments in state-of-the-art equipment and production methods, makes us a suitable partner for developing your own products – and not only a spring supplier.

Dun & Bradstreet has classified Spinoва AB as a triple A company since 1989. This is a guarantee for all our commitments with our customers and our suppliers.

Over the past years, we have received numerous awards from satisfied customers, e.g. "Supplier of the Year" from one of our largest and most demanding customers, the "Excellent supplier quality performance award" from an international customer, and according to our ISO 9001:2000 quality auditor, "Spinoва AB is an example of excellence in Swedish industry".



## SPINOVA - COMPRESSION SPRINGS



We are specialized in producing compression springs with extremely high demands. We have many years experience of producing hot pre-set compression springs for applications where this is necessary, such as in the hydraulics sector. All compression springs are customized and available in wire dimensions ranging from 0.10 to 13 mm.

The material is usually oil-tempered, music wire or stainless, but can also be in special alloys and round, squared or flat. The springs can be ground or unground – depending on what your application requires.



## SPINOVA - EXTENSION SPRINGS



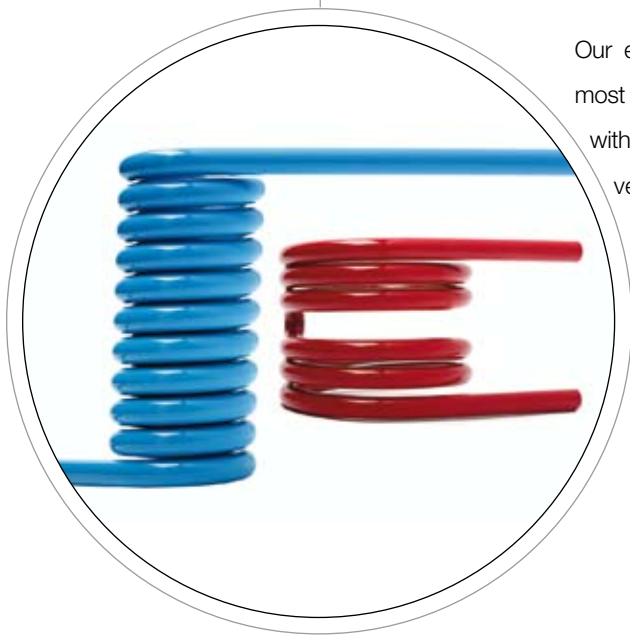
Completely customized extension springs are available in e.g. music wire, stainless and can also be in special alloys with wire dimensions ranging from 0.10 to 13 mm. Extension springs can have various end designs.

We will gladly help with your calculations and can meet your high demands so that you receive the optimum product for your application. Our long history and experience of materials, spring production and spring design is at your disposal.

## COMMON FEATURES

We can roll the wire, which is usually round when delivered, to make it flat or rectangular. Having this unique knowledge and equipment makes us cost-effective – even when producing smaller series.

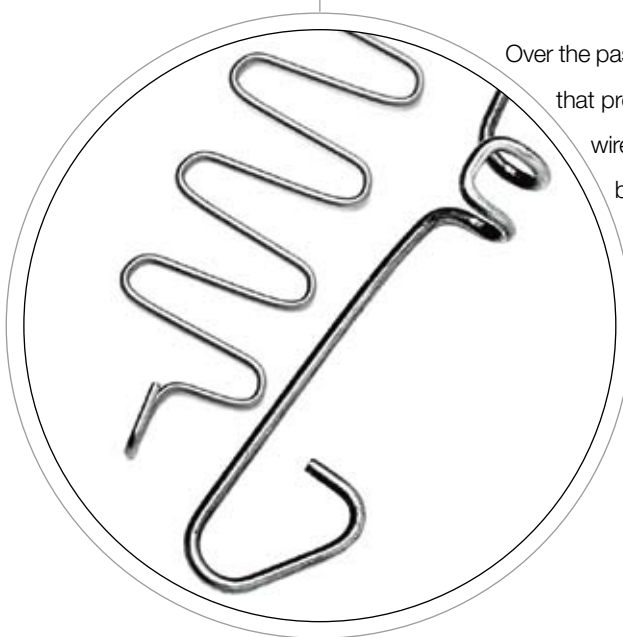
## SPINOVA - TORSION SPRINGS



Our expertise and equipment is available for producing most types of torsion springs. Single coils and double coils with various shaft designs can be produced cost effectively. Our customized springs guarantee that you get an optimal product for your applications.



## SPINOVA - WIRE FORMS



Over the past few years we have invested heavily in new machinery that produces various types of wire forms cost-efficiently. Our wire forms are usually made of spring wire, but can also be made from ordinary steel material. There are no limitations in principal to a wire form's design.

Bring us your ideas and we will turn them into reality.

# FJÄDRAR ANAMMA!

## - OUR CORPORATE PHILOSOPHY

Our company is built on the customer-oriented, corporate philosophy we call Fjädrar Anamma. For us it means that we always find a solution for any problem we face.

This is the platform for our long-term aim to be the market's most customer-oriented spring supplier. Over the years we have learnt how to give all our customers, both large and small, the same top-quality, customer service. Expanding and developing with our customers are key success factors for us.

A stimulating, developing, working environment with clear goals and delegated responsibility, means our employees enjoy working at Spinova. This can clearly be seen in the entire production chain and our final products.

Our corporate culture coupled with our experience, expertise, service-mindedness and cost-effectiveness, makes us a supplier you can rely on.

Today and tomorrow.



## CHOOSE SPINOVA – AND GET A RELIABLE PARTNER

Spinova AB was founded in 1975. Today, our 50 very competent employees create annual sales exceeding 60 million SEK. We are certified according to ISO 9001:2000 and we work actively to minimize our negative influence on the environment.

Our business mission is to be a reliable partner, supplying OEM customers with customized springs and wire components. Our products are manufactured in various wire qualities and dimensions in order to meet your requirements regarding quality and economy. Customized springs are not more expensive – merely optimized for your specific product.



In order for you to have as few suppliers as possible, as well as ensuring that we can supply your complete demand of spring products, we have qualified partners in various areas such as sheet-metal forming, surface treatment, mounting etc.

Spinova AB is a company within the industrial group, Indutrade AB, listed on the Stockholm stock exchange. Indutrade AB is specialized in supplying necessities with high technical content to the manufacturing industry. The group is active all over Europe but has its base in Sweden.

We have a long-term perspective in everything we do. Let us show you our excellence and we can look forward to a fruitful partnership both today and in the future!