

Springs for valves, actuators & flow control

We lead the way in
spring manufacture
for your industry

LESJÖFORS
Heavy Springs

Who are we?

Market-leaders in heavy duty spring manufacture, we deliver spring solutions that help our customers optimise their performance and success.


With a 170 year manufacturing spring legacy, we provide the greatest expertise, in state-of-the-art production facilities, across hot and cold coiling CNC technologies, in large compression, torsion and tension spring manufacturing.

Delivering impact to every industry, our customers rely on our springs and network, reach, problem-solving agility, purchasing power and flexibility to extend their capabilities.

We continually invest in the best and can design, quote, manufacture and dispatch your product within industry leading turnaround times.

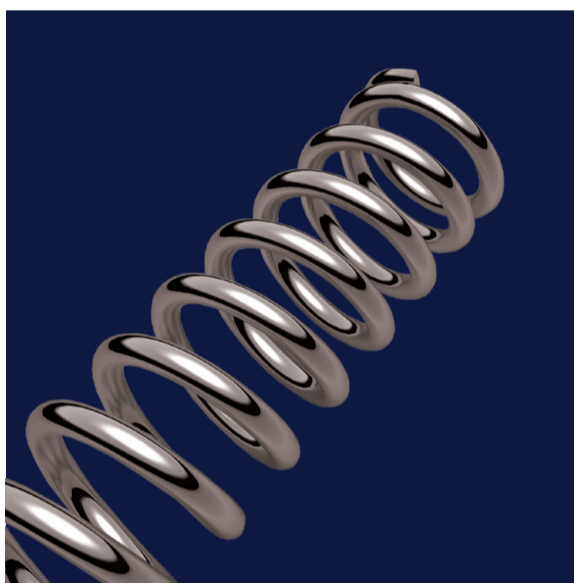
A division of the Lesjöfors group, one of the largest spring corporations in the world, we provide a competitive environment dedicated to quality, accuracy and customer satisfaction, guaranteeing Lesjöfors Heavy Springs as the premium partner for your heavy duty springs.





Your best partner in sustainable spring solutions

We lead the way in the manufacture of heavy duty springs for valves, actuators and flow control.



Compression springs

The unique design of these springs means that their compressed, helix shape allows them to resist compressive forces. They can be manufactured into cylindrical, conical, tapered, convex or concave shapes with a constant or variable pitch, and with either ground or unground ends.



Torsion springs

Torsion springs are coiled springs that work via a twisting, rotational motion. This design method allows for a flexible object to store mechanical energy when twisted. They are used when there's a need for angular movement of components.



Tension springs

Tension springs are tightly wound coils that allow for an outside force to create tension, using this energy to pull components back together by reverting to its original shape. Tension springs are typically wound very tightly and are coiled closely together when at rest.

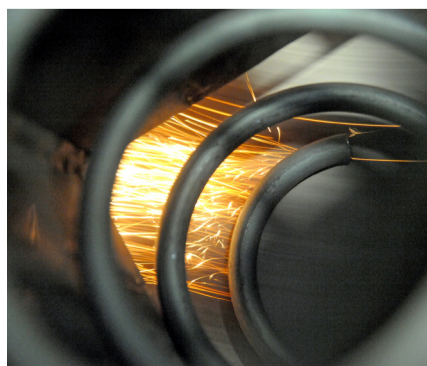
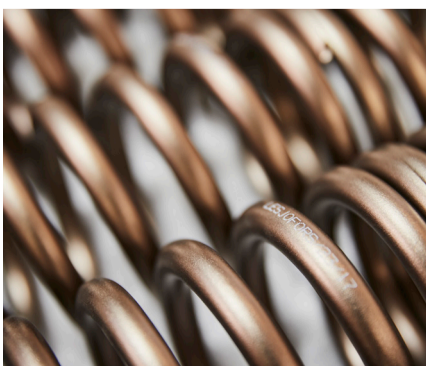


We can manufacture in a selection of materials from stainless steels, non-ferrous metals and super alloys.

Materials & manufacture

Committed to manufacturing excellence, reliability and customer service, our global spring manufacturing and technological development network is dedicated to world-leading products, delivering quality spring solutions that are trusted.

- We hold one of the largest global stocks of chrome silicon and chrome vanadium wire anywhere in the world.
- We work with a diverse range of steels, copper and titanium alloys as well as super alloys, such as Inconel, Hastelloy and Nimonic, that are especially resistant to high temperatures and corrosion.
- Our advanced spring manufacturing infrastructure features an extensive range of large-scale, high-end hot and cold coiling CNC technologies.
- As end-to-end manufacturers, we provide the highest quality and precision spring manufacturing processes including CAD/CAM, 3D scanning, pre-stressing, shot peening, grinding and powder coating.
- We can tailor the length, force, movement, damping, connectors, colour and finish to your specification.
- Our experienced teams are experts in theoretical modelling, at assessing stress levels and evaluating creep or fatigue performances.



Get in touch

We are dedicated to delivering engineering excellence with a quality, personal service and our teams are available to respond to your enquiries at any time.

Call us on 01726 861444 or email us at heavysprings@lesjoforsab.com



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lesjofors.com



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