

**HAGENS SPRING GROUP**

# Table of Contents

About Hagens Spring Group .....	4-5
Production and processes .....	6-7
Products and services .....	8-9
Quality and documentation .....	10-11
Contact .....	12



**“ We are skilled experts in spring manufacturing and are happy to offer our technical expertise in the development of the optimum solution for you. ”**

Henrik Hagens CEO



“ We know and understand our customers’ needs, as well as the various industrial sectors’ requirements. ”



## Hagens Spring Group

Today, Hagens Spring Group is a global group with production facilities in Denmark, Sweden and China. Today, the group has a turnover of more than € 30 million and is one of the leading manufacturers of springs, spring solutions and related products for the global market. Building on unrivalled quality and with the focus on detail, we supply optimal solutions for medium and large industrial customers all over the world.

Hagens Spring Group is characterised by unique customer service that builds on close and long-term relationships. We set the highest standards for qualified consultancy, efficiency and flexibility in the partnership.

To us, a spring is no standard product, but a product that is developed in close partnership with the customer.



## Efficient and flexible production

Based on the latest technologies, Hagens Spring Group offers efficient and flexible production of high quality products.

We follow the production process closely, supervise it continuously and are able to track and document the overall production process. The quality assurance documentation forms a natural part of the production process so that we are able to provide the documents the customer asks for.

Hagens Spring Group offers a broad product mix and handles a wide range of processes:

### Production processes:

- Coiling
- Grinding
- Robot welding
- Wire bending
- Wire forming
- Heating
- Pressing
- Deburring
- Ultra sonic cleaning
- Shot peening
- Hot/cold setting







“ All our solutions have a logical connection between functionality, quality and economy. ”



## Customer-specific documentation

In order to meet the various customers' product requirements, Hagens Spring Group offers the following documentation and tests:

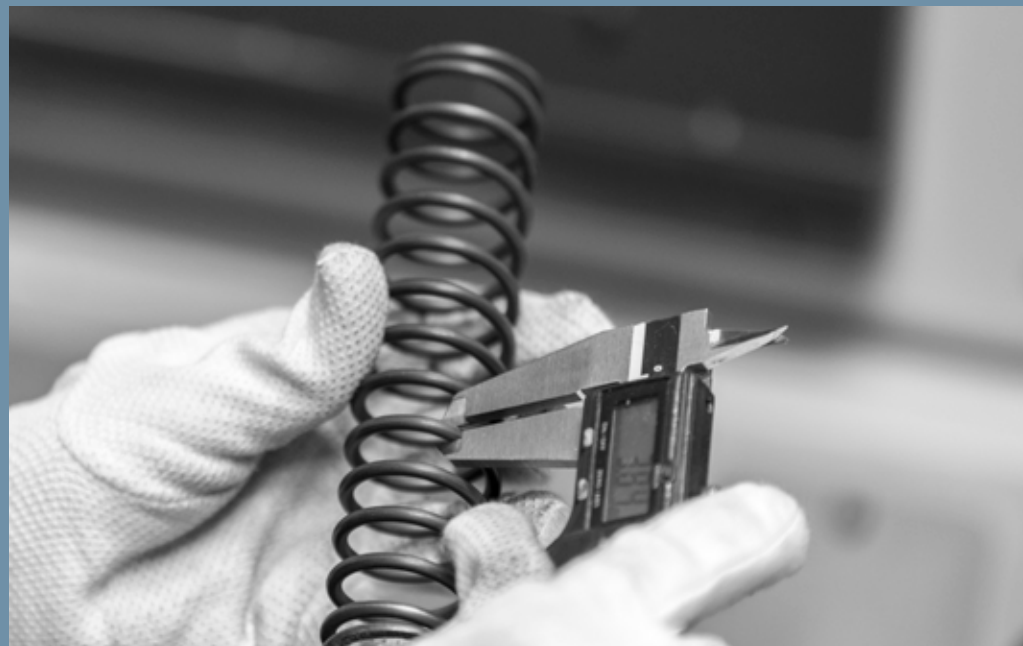
### Documentation:

- FAI – First article inspection
- PPAP – Production part approval process
- PSW – Part Submission Warrant
- COC – Certificate of Conformity
- Test report [Histogram]
- Dimension/measurement report
- Material certificate
- Control plan
- Flow diagrams
- Shot peening certificate
- Heat treatment certificate

### Test facilities:

- Life time test
- Salt spray test
- Relaxation test





## Full traceability and certifications

In Hagens Spring Group, our position on quality is clear, and throughout the entire group we work on the basis of delivering high quality without compromise.

Hagens Spring Group is certified in accordance with the international standards for quality control IATF 16949:2016 and ISO 9001:2015 and environmental management ISO 14001:2015.



“ All of our products and solutions get the best treatment – and so do our customers. ”



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 Systems**

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