

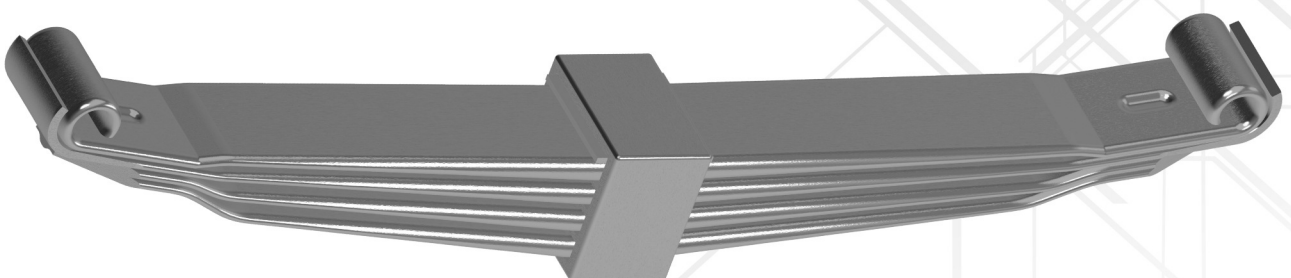
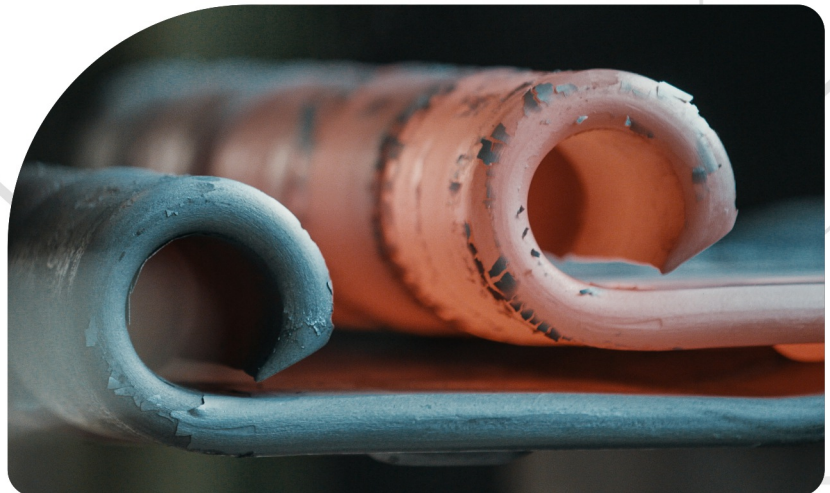
## LEAF SPRING TECHNOLOGY

Trapezoidal springs and the modern parabolic springs, made by Axtone, are well proven spring elements for freight wagons all over Europe and beyond – in many dimensions and special designs!

If you should ever get the impression that there is nothing in our extensive range that meets your special needs, we will react – as flexible as our springs – with a customized solution, made to measure for your vehicle.

### Key Features of Leaf Springs:

- Our leaf springs are made of high- strength, oil-hardened spring steels
- Our leaf springs stand for high quality, long lifetime and high reliability
- Our leaf springs can be adjusted to customer's demand due to our development capabilities and experience



## REFURBISHMENT SERVICE FOR LEAF SPRINGS

Refurbishment is not a simple assembly process with visual checking of broken leafs and replacement of that. It is an essential aspect that the leafs will be heat treated after the straightening. This neutralizes the stresses of the straightening process. After the process the original characteristics of the springs are renewed.

### Process Description:

1. Identification
2. Disassembly
3. Visual checking
4. Shot blasting, MPI, shot peening
5. Testing (in accordance with UIC 821 / EN 14200 or other clients requirements)
6. Painting (dip-coated with water-based paint)
7. Production of new spare part leafs: if necessary, a new leaf will be added
8. Technical features



### Contact:

