

## FRICITION SPRING TECHNOLOGY

Production of rings used for friction springs which meet the requirements of the chart UIC 827-2 takes place in the Axtone Czech company. The springs are manufactured in a wide range of various diameters from 80 to 400 mm. The rings are used in friction springs of Ringfeder type applied in buffers, tractive apparatuses, pull rod bars and automatic couplers.

### Features:

- Hot formed, highest quality materials;
- Various shapes possible;
- Linear characteristic;
- Safe against overloading;
- Big damping due to friction;
- Characteristic independent of the speed;
- Characteristic independent of the temperature;
- Proven in rail applications.

### Applications:

- Buffers;
- Draw gears;
- Draw bars;
- (Semi) automatic couplers.



## FRICITION SPRINGS – SERVICE

Regular service keeps friction springs in operation with minimal costs for decades.  
We offer service of friction springs according to UIC 827-2.

### Process Description



Disassembly



Cleaning



Shot blasting



Change of non-conform parts



Assembly



Testing

### Regular service of friction springs advantage:

- Energy absorption
- Speed independence
- Temperature independence
- Overload protection
- 12 months guarantee



### Contact:

