**The Benefits:**

- Tensioner and Damper in one
- Automatic
- Self-adjusting
- One second fitment
- Reversible
- Maintenance-free
- Rolls elastically
- No sprockets

**The Company**

It started with the idea of a rolling chain tensioner consisting of an elastic ring connected with an outer tooth profile by Siegfried Ebert. International patents and the trademark ROLL-RING were reserved. The first ROLL-RINGs were manufactured in the workshop at home and countless tests followed in the garage. The EBERT Kettenspanntechnik GmbH was founded as a start up enterprise in 1995. A product range was developed suitable to the international chain standards and with it the technology and capacity. This product range was awarded the Innovation Prize of the State of Saxony, Germany, in the same year.

In the meantime the ROLL-RING is available for more than 10 years and dominates the European market. Now a days it is exported to every industrial country. It is suitable especially for quality chain drives where reliability is needed, as chain brands like Renold/Jeffrey, Rexnord, Diamond, Brampton, IWIS or Tsubaki. Based on the first idea further innovative products follow, for example to solve problems in timing belts or vehicles.

**Conveyor for Aluminium – Profiles „Norsk Hydro“**

**Belt conveyor in the tyre manufacturing „Pirelli Germany“**
Compare the chain type and the ROLL-RING type. The suitable chain type for each ROLL-RING is casted in.

Check the operating conditions. The allowed environmental temperatures are between -4°F and +158°F. ROLL-RING is made for chain drives with periodical lubrication by hand or dropping lubrication. For special conditions or influences please ask us.

For installation compress the ROLL-RING and fit within the chain strands. The compression is right, if the ring takes the shape like an ellipse. In practice, the compression should be about 25% to 30%.

For precise choice please use our free calculation and take a look at the table below.

The safety distance to the sprockets must be the value of one chain pitch \( p \) at minimum to prevent collision.