

Chain Tensioner ROLL – RING

Normal operation of chain mechanisms requires many items: wreaths, props and flanges. In the use of belt ROLL – RING they are no longer needed.

Tensioners ROLL – RING chains are designed for standardized according to DIN 8187, ISO 05 – 1, ISO 20 B – 1 or ANSI B29 №35-100. they can be mounted as a single line and a multiple chains.



Tensioners ROLL – RING are made of material having greater flexibility at low and high temperatures and resistance to ultraviolet radiation. The material is extremely resistant and belt testing, there was no visible wear or tear. At 31,500 hours work elastic constants of the material increases by 3%. This increases of the elastic constants leads to improved mechanical properties of the tensioners. Tension ROLL – RING can operate at maximum speed of the chain given by the manufacturer.

Advantages of tensioner ROLL – RING

Advantages of the fitting the tensioner in new construction:

1. The price of the tensioners ROLL – RING is significantly lower than the price of other tensioners.
2. They are easy to install in difficult places where it is impossible using a conventional tensioners.
3. No need for regulation in the process, such as transmit power of the chain.
4. Significantly reduces noise to (2-3 dB).
5. Due to the elasticity of the tensioner while performing the role of shock absorber.

Advantages of fitting tensioners working in structures:

1. Significantly increase the life of the chain.
2. Due to even distribution of loading force on the teeth of the wheels reduces wear and hence "life" is increasing.
3. Reduces the vibration in chain drive.

Choice of tensioners ROLL – RING

If you want to select a chain tensioner gear you need to know the type and standardized name of the chain, the number of the teeth on wheels z_1 and z_2 and the wheelbase, the largest distance between branches of the chain h . Knowing these parameters, you can choose tensioner ROLL – RING.

Application of the tensioners ROLL – RING

Tensioners ROLL – RING are used in printing machines, conveyor belts, conveyor systems at airports, cleaning and filling systems in breweries, but also in vibration sand blasting machines and others.