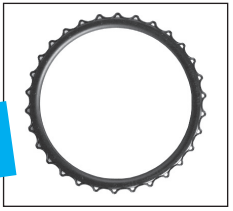
Roll-Ring® chain tensioner

RLR

Self-adjusting

- ***Easily installed***
- *Uses the space between two drive sprockets*
- *Self positioning*
- *Dampens vibration*
- *Self lubricating*
- *Working temperature: -20°C to +70°C (except RLR20-030: -4°C to +40°C)*
- *Normal resistance to UV radiation*
- *Material: polymer*

Very easy to use



Use

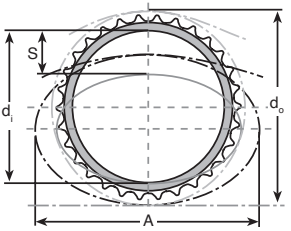
- *Multiple tensioners can be used in series on long chains or in parallel on multiple chains*
- *On triple chains, tensioners are only needed on inner and outer strands*

Advantages

- *Works equally as well on vertically or diagonally mounted chains*
- *Does not require fixing or special installation*

Accessories

- *For use with **SBR** or **SBS** chains* ***(tome 4 p.122-124)***



DISCOUNTS

Qty	1+	6+	21+
Disc.	List	-5%	On request

Part number	No. of teeth	Ref. ISO	Pitch (mm)	do	Internal diameter di	Max. deviation S	A	Static force of max. expansion (N)	Max. chain speed (m/s)	Stock*	Price each 1 to 5
RLR05-030	30	05B	8,00	76,5	65,0	20	104,0	2,9	5,0	✔	135,92 €
RLR06-030	30	06B	9,52	91,1	73,0	25	122,0	15,2	5,2	✔	117,77 €
RLR06-036	36	06B	9,52	109,0	89,0	25	143,0	28,5	5,2	✔	160,55 €
RLR08-026	26	08B	12,70	105,5	87,5	27	135,0	13,4	7,5	✔	109,63 €
RLR08-030	30	08B	12,70	121,5	101,6	30	161,6	14,2	8,6	✔	126,52 €
RLR08-034	34	08B	12,70	137,5	115,4	30	165,0	22,0	8,8	✔	143,37 €
RLR10-026	26	10B	15,88	128,4	105,0	28	153,0	28,2	4,2	✔	133,62 €
RLR10-030	30	10B	15,88	148,0	124,6	33	177,0	23,0	8,8	-	153,74 €
RLR10-034	34	10B	15,88	170,0	141,0	38	217,0	45,1	8,8	-	176,37 €
RLR12-026	26	12B	19,05	155,0	127,6	35	209,5	39,2	5,4	✔	163,29 €
RLR12-030	30	12B	19,05	182,2	153,1	45	242,0	32,2	6,2	✔	188,50 €
RLR16-026	26	16B	25,40	207,0	167,0	45	269,0	95,7	5,7	-	199,00 €
RLR16-030	30	16B	25,40	245,8	202,0	50	306,0	108,5	6,2	-	229,82 €
RLR20-030	30	20B	31,75	303,7	256,4	65	390,0	80,5	7,0	-	351,53 €

**Depending on availability - Dimensions in mm*

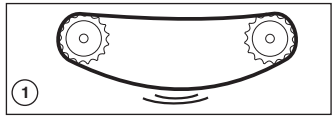
Installation

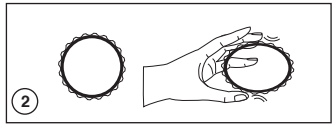
Roll-Ring® chain tensioners do not require any maintenance and can be installed on practically all chain drive systems. **Their installation takes virtually no time and is inexpensive.** The only conditions that must be met to be able to use them are:

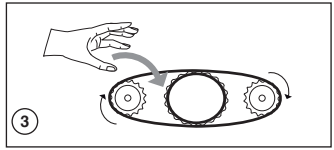
- The gap between the chain strands must be sufficiently large.
- The distance between the chain sprockets must be sufficiently large.

We recommend that you position the tensioner between two chain strands so that there is at least the equivalent of one chain pitch between the Roll-Ring® and the smallest sprocket. The Roll-Ring® can also be mounted in an alternative but efficient manner to that previously described, simply verify that the pre-load is sufficiently high. We do however; recommend that you carry out tests if this is done.

Roll-Ring® chain tensioners can be used in series on the same chain strand. They can also be used in parallel on each strand of a multiple strand chain. For example, a triple strand chain requires two Roll-Ring® tensioners on the outside strands.

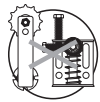






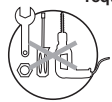
Advantages

Reduced installation time



No additional machining required

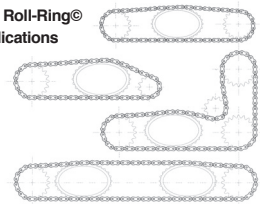
Reduced noise

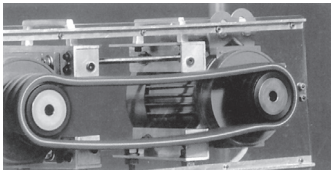


Easy installation

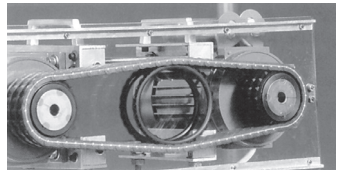
Maintenance free

Typical Roll-Ring© applications





Vibrations on a non tensioned chain



The Roll-Ring© tensioner will dampen the chain