

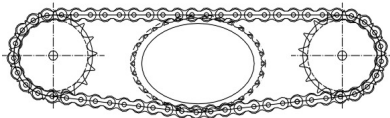
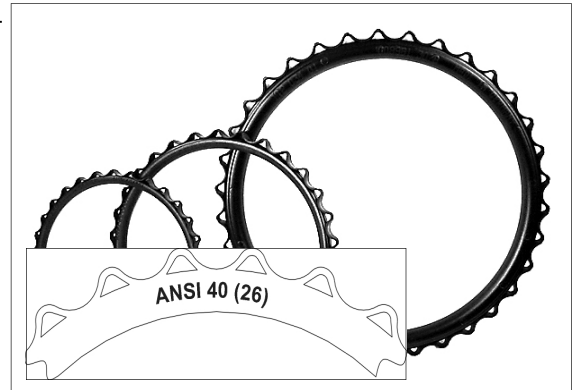
Instruction Manual for Roll-Ring® Chain Tensioner

Warning: To ensure that the drive is not unexpectedly started, turn off and lock-out the power source before proceeding. Failure to observe these precautions could result in bodily injury.

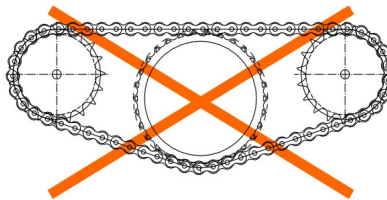
Preparation: Compare the chain size to verify the Roll-Ring is the correct pitch size. i.e. For example this Roll-Ring fits ANSI 40, 1/2" pitch, .ie. (1/2" x 5/16" Chain). (See sketch at right.)

Check operating conditions—The Roll-Ring Tensioner is suitable for operating temperatures between -4°F and +158°F and periodic lubrication of the chain. For special conditions consult PTI.

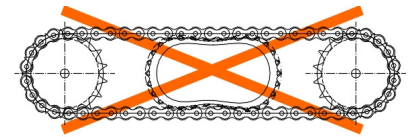
Installation: Compress the Roll-Ring and fit between the chain strands. The Roll-Ring should take on an elliptical shape when the compression is right. See the guides shown below.



OK.

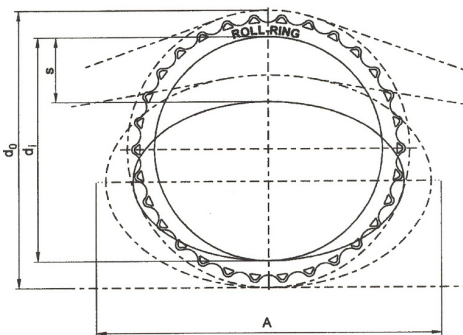


too little compression



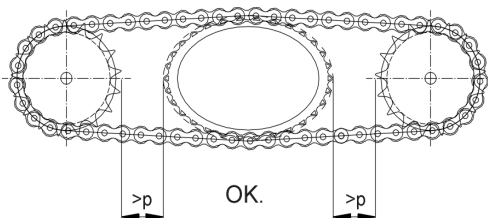
too much compression

Installation Data:



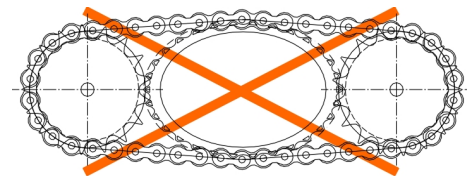
Part No.	Chain Size		Pitch		Article No.	Teeth	d _o	d _i	S	A	D = d _o -s	Expansion Force lb	Max Chain Speed ft/sec
	ISO No.	ANSI No.	mm	in									
RR315M-30	05B	-	8	-	105 030 01	30	3.01	2.56	0.79	4.09	2.23	0.64	16.4
RR375M-30	06B	-	-	.375	106 030 01	30	3.59	2.87	0.98	4.80	2.60	3.34	17.1
RR375M-36	06B	-	-	.375	106 036 01	36	4.29	3.50	0.98	5.63	3.31	6.27	17.1
RR375-30	-	35	-	.375	806 030 01	30	3.54	3.02	1.06	4.45	2.48	1.28	17.1
RR500-26	08B	40	-	.500	108 026 01	26	4.15	3.45	1.06	5.35	3.09	2.95	24.6
RR500-30	08B	40	-	.500	108 030 01	30	4.78	4.00	1.18	6.36	3.60	3.12	28.2
RR500-34	08B	40	-	.500	108 034 01	34	5.41	4.54	1.18	6.50	4.23	4.84	28.9
RR625-26	10B	50	-	.625	110 026 01	26	5.06	4.13	1.10	6.02	3.95	6.20	13.8
RR625-30	10B	50	-	.625	110 030 01	30	5.83	4.91	1.30	6.97	4.53	5.06	28.9
RR625-34	10B	50	-	.625	110 034 01	34	6.69	5.55	1.50	8.54	5.20	9.98	28.9
RR750-26	12B	60	-	.750	112 026 01	26	6.10	5.02	1.38	8.25	4.72	8.62	17.7
RR750-30	12B	60	-	.750	112 030 01	30	7.17	6.03	1.77	9.53	5.40	7.08	20.3
RR750-34	12B	60	-	.750	112 034 01	34	8.17	6.67	1.77	10.43	6.40	15.51	21
RR1000-26	16B	80	-	1.0	116 026 01	26	8.15	6.58	1.77	10.59	6.38	21.05	18.7
RR1000M-30	16B	-	-	1.0	116 030 01	30	9.68	7.95	1.97	12.05	7.71	24.38	20.3
RR1000-30	-	80	-	1.0	816 030 01	30	9.53	7.87	1.97	12.40	7.56	23.15	21.7
RR1250-30	20B	100	-	1.25	120 030 01	30	11.96	10.09	2.56	15.35	9.40	17.71	23

Proper Roll-Ring Location:



OK.

Distance "p" shown at left must be at least one chain pitch.



bad contact

Warning: Because of the possible danger to person(s) or property from accidents which may result from the improper use of products, it is important that correct procedures be followed. Products must be in accordance with the engineering information specified in the catalog. Proper installation, maintenance and operation procedures must be observed. The instructions in the instruction manuals must be followed. Inspections should be made as necessary to assure safe operation under prevailing conditions. Proper guards and other suitable safety devices or procedures as may be desirable or as may be specified in safety codes should be provided, and are neither provided by P.T. International, nor are the responsibility of P.T. International. This unit and associated equipment in the system must be installed, adjusted and maintained by qualified personnel who are familiar with the construction and operation of all equipment and in the system and the potential hazards involved. When risk to persons or property may be invoked, a holding device must be an integral part of the driven equipment beyond the speed reducer output shaft.

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Manual RR 1010

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