

ROLL-RING® CHAIN TENSIONER



European Metric and American Standard Industrial Power Transmission Products

Roll-Ring chain tensioners are made from a specially formulated polymer. They can be fitted into vertical, diagonal or horizontal chain drives by simply placing them between the strands of chain.

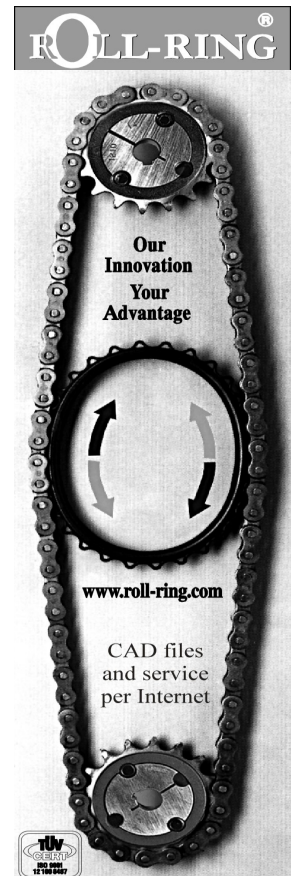


STANDARD FEATURES

Extends chain life
Keeps chain aligned
Dampens chain whip, reducing wear and noise of drive
Operating temp. range -4°F to 158°F (-20°C to 70°C)
ANSI chain size 35- 100, ISO chain size 05B - 20B
Installs in seconds and stays put, reduces downtime

Less expensive than the push block types
No alignment, no brackets to mount
Great for reversing drives, no adjustments required
Several diameters in each size to accommodate various sprocket diameters/centers.
Duplex or triple strand chain? Use two side by side.

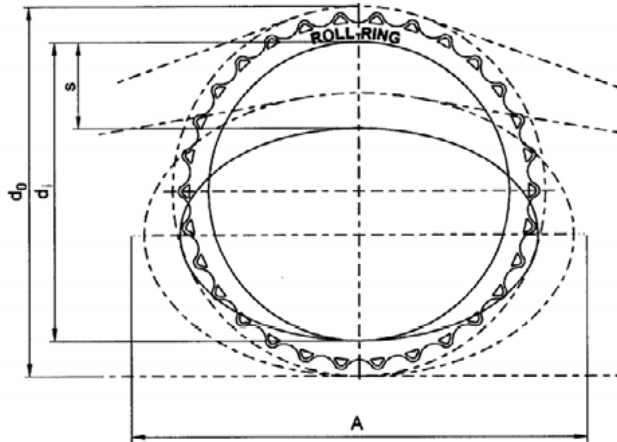
Part No.	For Chain Sizes	Chain Pitch (in)	Teeth Roll-Ring	Expansion Force (Lbs)	Max Chain Speed (Ft/Min)	Roll-Ring Diameter (in)
RR315M-30	ISO 05B	8mm	30	.7	960	3.0
RR375-30	ANSI 35	0.375"	30	1.3	1024	3.58
RR500-26	ANSI 40 & ISO 08B	0.500"	26	3.0	1476	4.29
RR500-30			30	3.2	1693	4.78
RR625-26	ANSI 50 & ISO 10B	0.625"	26	6.3	827	5.05
RR625-30			30	5.2	1732	5.82
RR750-26	ANSI 60 & ISO 12B	0.750"	26	8.8	1063	6.10
RR750-30			30	7.2	1220	7.20
RR1000-26	ANSI 80 or ISO 16B	1.000"	26	21.5	1122	8.15
RR1000-30	ANSI 80		30	23.2	1299	9.67
RR1000M-30	ISO 16B		30	23.2	1299	9.67
RR1250-30	ANSI 100 & ISO 20B	1.250"	30	18.1	1378	11.96



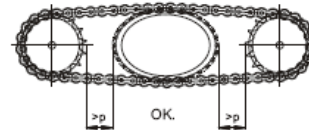
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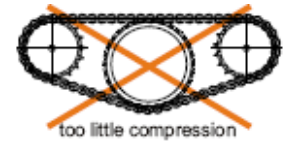
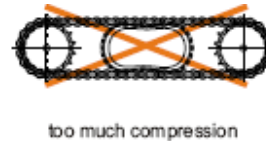
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Maintain at least one pitch between sprockets and tensioner to prevent contact between the two.



After installation, tensioners should be elliptical.



PTI Part No.	ISO / ANSI-No.	Article No.	do	di	s	A	D=d0-s
RR315M-30	ISO 05B	105 030 01	3.01	2.56	0.79	4.09	2.23
RR375M-30	ISO 06B	106 030 01	3.59	2.87	0.98	4.80	2.60
RR375M-36	ISO 06B	106 036 01	4.29	3.50	0.98	5.63	3.31
RR375-30	ANSI 35	806 030 01	3.54	3.02	1.06	4.45	2.48
RR500-26	ISO 08B / ANSI 40	108 026 01	4.15	3.45	1.06	5.35	3.09
RR500-30	ISO 08B / ANSI 40	108 030 01	4.78	4.00	1.18	6.36	3.60
RR500-34	ISO 08B / ANSI 40	108 034 01	5.41	4.54	1.18	6.50	4.23
RR625-26	ISO 10B / ANSI 50	110 026 01	5.06	4.13	1.10	6.02	3.95
RR625-30	ISO 10B / ANSI 50	110 030 01	5.83	4.91	1.30	6.97	4.53
RR625-34	ISO 10B / ANSI 50	110 034 01	6.69	5.55	1.50	8.54	5.20
RR750-26	ISO 12B / ANSI 60	112 026 01	6.10	5.02	1.38	8.25	4.72
RR750-30	ISO 12B / ANSI 60	112 030 01	7.17	6.03	1.77	9.53	5.40
RR750-34	ISO 12B / ANSI 60	112 034 01	8.17	6.67	1.77	10.43	6.40
RR1000-26	ISO 16B / ANSI 80	116 026 01	8.15	6.58	1.77	10.59	6.38
RR1000M-30	ISO 16B	116 030 01	9.68	7.95	1.97	12.05	7.71
RR1000-30	ANSI 80	816 030 01	9.53	7.87	1.97	12.40	7.56
RR1250-30	ISO 20B / ANSI 100	120 030 01	11.96	10.09	2.56	15.35	9.40

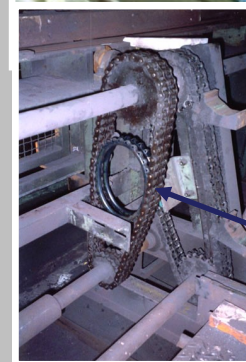
Value "A" includes a safety distance to the sprockets.

For ISO B chain type only

For ANSI chain type only

Dimensions in inches.

Horizontal Application



Vertical
Application with
Multiple Strands



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