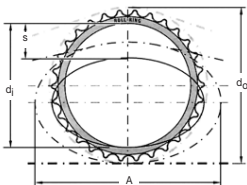


# Roll-Ring Self-adjusting Chain Tensioner

## INSTALLATION AND FINAL DIMENSIONS

PART No.	$d_o$	$d_i$	s	A
10503001	76.5	65.0	20.0	104.0
10603001	91.1	73.0	25.0	122.0
10603601	109.0	89.5	25.0	143.0
10802601	102.1	84.5	24.0	135.8
10803001	121.5	98.0	28.0	161.6
10803401	137.5	115.4	30.0	165.0
11002601	128.4	105.0	28.0	153.0
11003001	148.0	124.6	33.0	177.0
11003401	170.0	141.0	38.0	217.0
11202601	155.0	127.6	35.0	209.5
11203001	182.2	145.0	40.0	241.7
11203401	207.5	169.5	45.0	265.0
11602601	207.0	167.0	45.0	269.0
11603001	245.8	202.0	50.0	306.0
12003001	303.7	244.0	60.0	390.0



A = Deflected PCD  $d_o$  = PCD  
s = Max deflection  $d_i$  = Inside diameter

Value A includes a safety distance to the sprockets.

ROLL-RING® Chain tensioners are maintenance free and can be fitted to a wide variety of chain drives with no installation down time. The requirement is that: (1) there is a working space with a gap between the chain strands which is smaller than the reference diameter of the chain tensioner. (2) There is a sufficient gap between the chain drive sprockets. We recommend that the chain tensioner is positioned between two chain strands such that there is at least one chain pitch between the ROLL-RING® and the smallest sprocket. The ROLL-RING® can also be positioned just as effectively

outside this recommended area, as long as it is sufficiently prestressed. In this case, practical trial and error are recommended. ROLL-RING® chain tensioners can be used in line with the same chain strand, or parallel with each other in multi-strand chain drives. Please note that triplex chain drives only require two ROLL-RINGS® positioned on the outer strands. ROLL-RING® chain tensioners provide tensioning using: (1) static tensioning force from the elastic ring (2) dynamic tensioning force from the damping of the working material. ROLL-RING® provides as much tensioning as possible at low chain speeds, and has reserves of tensioning and damping capability for higher chain speeds.

## DISCOUNTS

1 - 9	List Price
10 - 29	- 5%
30 - 49	- 10%
50 - 99	- 15%
100 - 200	- 20%

PART NUMBER	No. of Teeth	ISO Ref.	Pitch (mm)	Max Static expansive force (N)	Max chain speed (M/S)	Min ambient temp (C)	Max ambient temp (C)	Resistant to ultra violet light	PRICE EACH 1-9
10503001	30	05B	8.00	2.9	5.0	-20	70	Normal	£65.66
10603001	30	06B	9.52	15.2	5.2	-20	70	Normal	£56.93
10603601	36	06B	9.52	28.5	5.2	-20	70	Normal	£56.93
10802601	26	08B	12.70	15.7	7.5	-20	70	Normal	£52.98
10803001	30	08B	12.70	22.0	8.6	-20	70	Normal	£61.16
10803401	34	08B	12.70	22.0	8.8	-20	70	Normal	£78.85
11002601	26	10B	15.88	28.2	4.2	-20	70	Normal	£64.56
11003001	30	10B	15.88	23.0	8.8	-20	70	Normal	£74.36
11003401	34	10B	15.88	45.1	8.8	-20	70	Normal	£85.31
11202601	26	12B	19.05	39.2	5.4	-20	70	Normal	£76.85
11203001	30	12B	19.05	65.0	6.2	-20	70	Normal	£91.04
11203401	34	12B	19.05	70.5	6.4	-20	70	Normal	£103.00
11602601	26	16B	25.40	95.7	5.7	-20	70	Normal	£96.16
11603001	30	16B	25.40	108.5	6.2	-20	70	Normal	£111.15
12003001	30	20B	31.75	194.0	7.0	-20	70	Normal	£166.42

