

Automatic chain tensioner

Stock

TC1RP

With 180° guide

- Tensioner for single chain

- Materials:

Housing: steel with corrosion proof epoxy finish

Profile: Green HD1000 polyethylene

Machined column: Black HD500 polyethylene

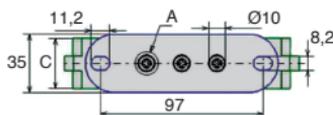
Screws and springs: stainless steel 304L

Adjustment

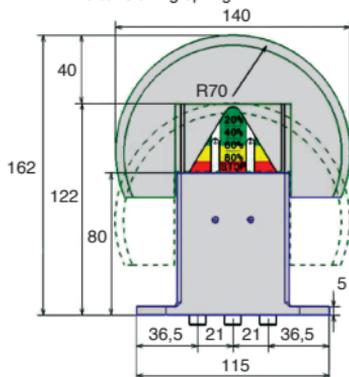
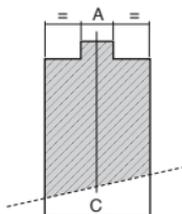
- Tension pressure can be reduced by freeing the springs, see instruction sheet

Accessories

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



Detail A
Pre-tensioning spring



DISCOUNTS

Qty	1+	4+	10+
Disc.	List	-10%	On request

Part number	Chain	A	C	Stroke	Tension (N)			Price each	
					1 spring	2 springs	3 springs		
TC1-RP-06B1	06B1	5	30	40	60 to 132	120 to 264	180 to 396	-	239,14 €
TC1-RP-08B1	08B1	7	30	40	60 to 132	120 to 264	180 to 396	-	239,14 €
TC1-RP-10B1	10B1	9	30	40	60 to 132	120 to 264	180 to 396	-	239,14 €
TC1-RP-12B1	12B1	11	30	40	60 to 132	120 to 264	180 to 396	-	239,14 €

*Depending on availability - Dimensions in mm

Automatic chain tensioner

With sprocket

TCRX

- Tensioner for single chain

- Materials:

Housing and column: polyamide reinforced with 30% glass fibre

Screws and springs: stainless steel 304L

Steel version: bracket and sprocket steel

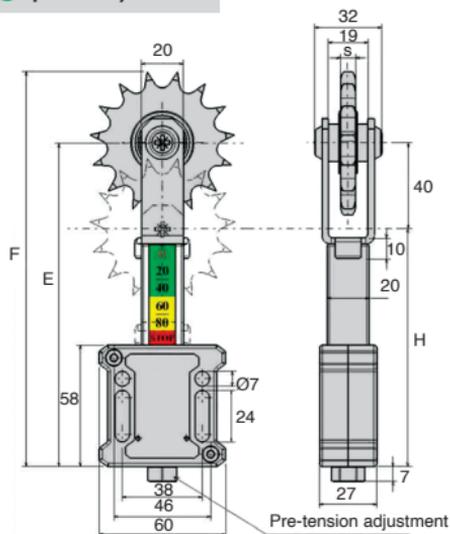
Stainless steel version: bracket, axle and nut

stainless steel 304L, stainless steel sprocket, sprocket bearing lubricated for life (FM 222 grease suitable for food industry acc USA standards).

Accessories

- For use with SBR or SBS chains (tome 4 p.222-224)

Steel or stainless steel



IN STOCK*
Otherwise contact us

DISCOUNTS

Qty	1+	4+	10+
Disc.	List	-10%	On request

Part number	Chain Pitch	N° of teeth	S	Øext	ØPCD	F	E	H	Stroke	Tension (N)	Price each	
											1 to 3	
Steel sprocket												
TCRX-06B1	06B1	9,525	15	5,3	49,3	45,81	160	135,0	95,0	40	100 to 240	69,44 €
TCRX-08B1	08B1	12,700	15	7,2	65,5	61,09	186	153,5	113,5	40	100 to 240	68,74 €
TCRX-10B1	10B1	15,875	15	9,1	83,0	76,36	196	153,5	113,5	40	100 to 240	73,42 €
Stainless steel sprocket												
TCRX-06B1/SS	06B1	9,525	15	5,3	49,3	45,81	160	135,0	95,0	40	100 to 240	85,72 €
TCRX-08B1/SS	08B1	12,700	15	7,2	65,5	61,09	186	153,5	113,5	40	100 to 240	91,18 €
TCRX-10B1/SS	10B1	15,875	15	9,1	83,0	76,36	196	153,5	113,5	40	100 to 240	116,48 €

*Depending on availability - Dimensions in mm

Automatic chain tensioner

TCLAR

With wide guide

- Tensioner for single chain

- Materials:

Housing: polyamide reinforced with 30% glass fibre

Profile: Green HD1000 polyethylene

Machined column: Black HD500 polyethylene

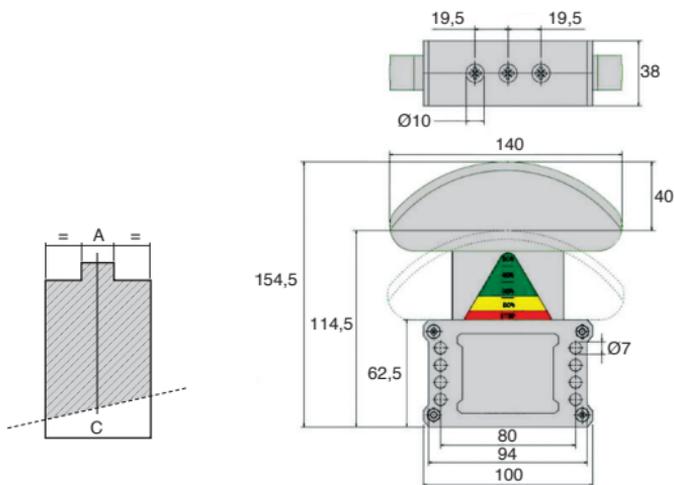
Screws and springs: stainless steel 304L

Adjustment

- Tension pressure can be reduced by loosening the springs, see instructions

Accessories

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



DISCOUNTS

Qty	1+	4+	10+
Disc.	List -10%	On request	On request

Part number	Chain	A	C	Stroke	Tension (N)			Price each
					1 spring	2 springs	3 springs	
TCL-AR-06B1	06B1	5	30	40	60 to 132	120 to 264	180 to 396	127,52 €
TCL-AR-08B1	08B1	7	30	40	60 to 132	120 to 264	180 to 396	127,52 €
TCL-AR-10B1	10B1	9	30	40	60 to 132	120 to 264	180 to 396	127,52 €
TCL-AR-12B1	12B1	11	30	40	60 to 132	120 to 264	180 to 396	127,52 €

Dimensions in mm

- Tensioner for single chain

- Materials:

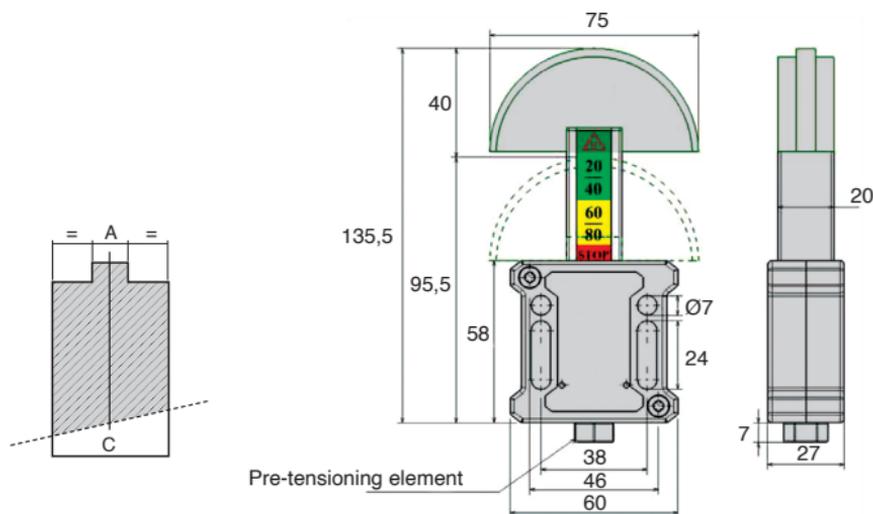
Housing and column: polyamide reinforced with 30% glass fibre

Profile: Green HD1000 polyethylene

Screws and springs: stainless steel 304L

Accessories

- For use with SBR or SBS chains
(tome 4 p.222-224)

**DISCOUNTS**

Qty	1+	4+	10+
Disc.	List	-10%	On request

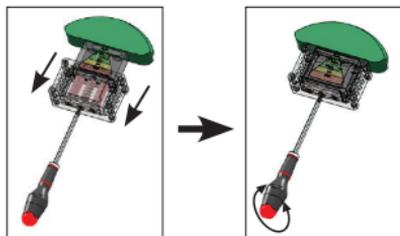
Part number	Chain	A	C	Stroke	Tension (N)	Stock*	Price each
						1 to 3	
TCSH-06B1	06B1	5	20	40	100 to 240	✓	40,98 €
TCSH-08B1	08B1	7	20	40	100 to 240	✓	40,98 €
TCSH-10B1	10B1	9	20	40	100 to 240	✓	40,98 €
TCSH-12B1	12B1	11	20	40	100 to 240	✓	40,98 €

*Depending on availability - Dimensions in mm

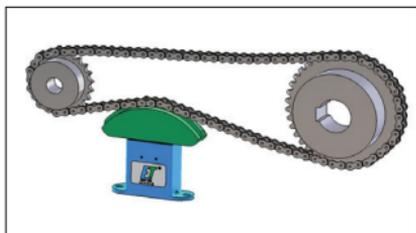
Automatic chain and belt tensioner

TCLAR
TC1RP

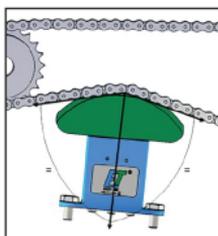
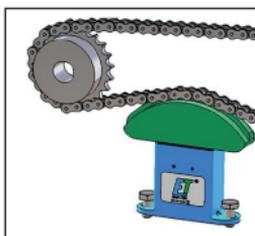
Mounting instructions



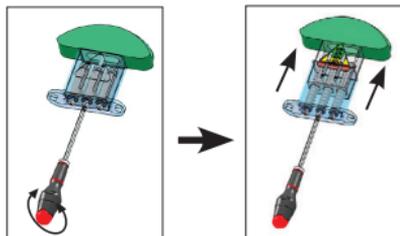
Pre-tension the tensioner using the screws situated under the body



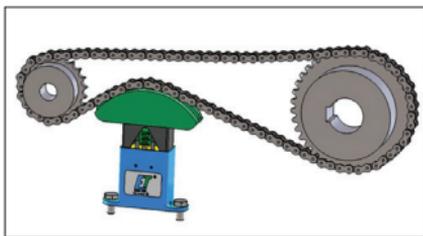
Position the tensioner under the chain (or belt) as close as possible to the driving sprocket on the slack side



Once the angles of the belt or chain are equidistant to the tensioner, manually put it under tension and tighten.



The springs can be loosened to the tension required starting with the one in the middle, leaving the belt (or chain) under pressure. There are two different types of springs.

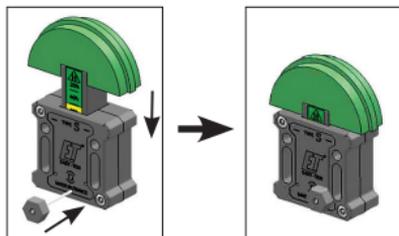


The tensioner is now ready for use. The stroke of the tensioner should be within the green range.

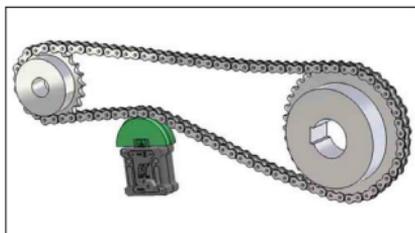
Automatic chain and belt tensioner

Mounting instructions

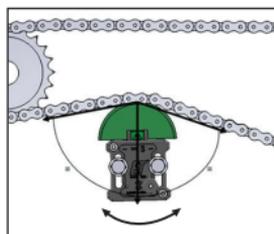
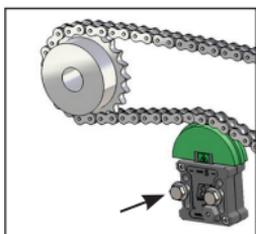
TCSH
TCRX



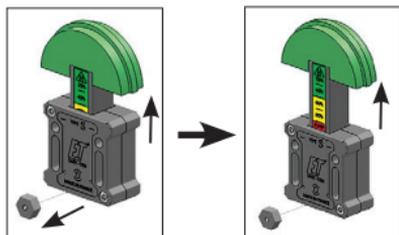
Pre-tension the tensioner using the button.



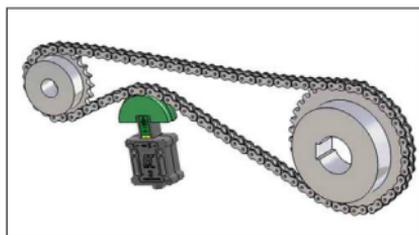
Position the tensioner under the chain (or belt) as close as possible to the driving sprocket on the slack side.



Once the angles of the belt or chain are equidistant to the tensioner, manually put it under tension and tighten.



The spring can be released by removing the pre-tension button, thus freeing the tensioner



The tensioner is now ready for use. The stroke of the tensioner should be within the green range.

Where there is movement in both directions, 2 tensioners must be used under both the slack and tight sides