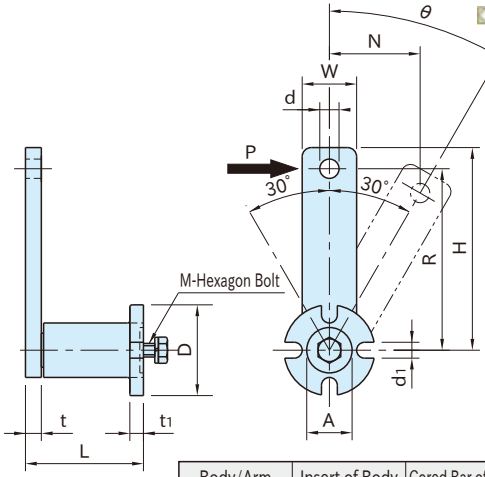
TC-PX PLASTIC FIXED ANGLE TIGHTENERS



Body/Arm	Insert of Body	Cored Bar of Arm	Elastic Cylinders
Polyamide (glass-fiber reinforced) Black	Brass	Steel(SS400) Zinc Plated	Natural Rubber

Part Number	d	R	L	H	W	t	t_1	D	M	d_1	A	Max tension (N)	Weight (g)
TC-PX10	8.5	80	52	90	24	7	6	40	M 6X1	7	20	85	130
TC-PX20	10.5	100	65	112.5	30	8	8	50	M 8X1.25	9	30	136	200
TC-PX30			78	115	36		10	60	M10X1.5		35	340	380

Part Number	Tightening Torque (N·m)	θ=10°		θ=20°		θ=30°	
		P(N)	N	P(N)	N	P(N)	N
TC-PX10	10	15	14	40	28	85	40
TC-PX20	25	25	17	65	34	136	50
TC-PX30	49	75		180		340	

Features:

- This tightener is highly resistant to corrosion.
- It is noiseless and has high reliability.
- Can be used in various applications, chain or belt tighteners, shock and vibration absorbers.

Related Product Page

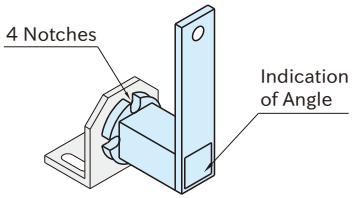
Pulley Bolt Sets TC-IB are available separately.

Technical information:

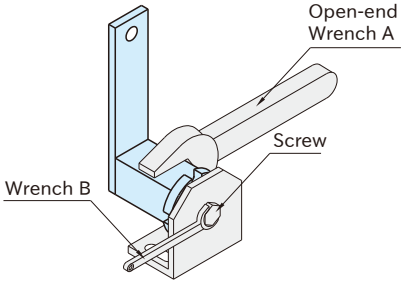
Working temperature : -35 to 80℃

How To Use

Installation Instructions



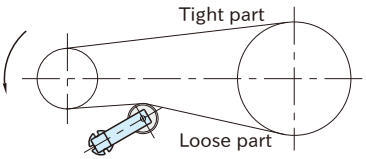
The Indication helps the identification the preloading angle.If necessary, place a pin in one of the notches to fix the body stably.

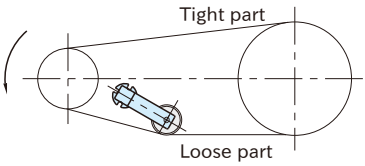


Turn the body with Open-end Wrench A to the requisite angle.Keep the angle and tighten the screw with wrench B.

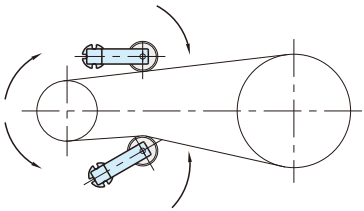
Usage

・Tighteners must be positioned on the loose part of the transmission.

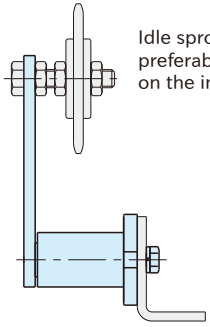




・For reversible transmission system, tighteners must be positioned on both sides.

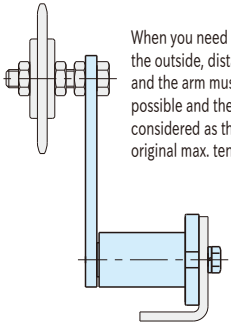


Usage Note



Idle sprockets are preferable to be used on the inside of the arm.

Basic Installation



When you need to mount the idle sprocket on the outside, distance between the idle sprocket and the arm must be reduced as much as possible and the max. tension force must be considered as the 50% (±15˚ in angle) of the original max. tension force.