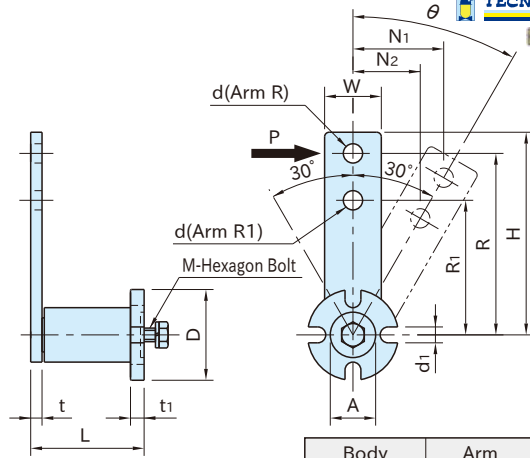


TC-RE

FIXED ANGLE TIGHTENERS



Body	Arm	Elastic Cylinders
FCD400 (TC-RE10:SMF4040) Hammerstone finish Gray	SS400 Hammerstone finish Gray	Natural Rubber

Part Number	Max Tension (N)		d	R	R ₁	L	H	W	t	t ₁	D	M	d ₁ *	A
	Arm R ₁	Arm R												
TC-RE10	113	85	8.5	80	60	50	90	25	5	6	40	M 6×1	7	20
TC-RE20	170	136	10.5	100	80	62	112.5	30						
TC-RE30	425	340				76	115	35	6	10	60	M10×1.5	11	48
TC-RE40	1027	790	12.5	130	100	105	155	50	8	15	80	M12×1.75		

* d₁ is size of material and tapered shape with casting surface.

Part Number	Weight (g)	Part Number	Tightening Torque (N·m)	θ = 10°				θ = 20°				θ = 30°			
				Arm R		Arm R ₁		Arm R		Arm R ₁		Arm R		Arm R ₁	
				P(N)	N ₁	P(N)	N ₂	P(N)	N ₁	P(N)	N ₂	P(N)	N ₁	P(N)	N ₂
TC-RE10	280	TC-RE10	10	15	14	20	10	40	28	53	20	85	40	113	30
TC-RE20	480	TC-RE20	25	25	17	31	14	65	34	81	27	136	50	170	40
TC-RE30	730	TC-RE30	49	75	93	180	34	225	27	340	50	425	1027	790	
TC-RE40	2000	TC-RE40	89	150	22	195	17	380	44	494	34	790	65	1027	50

Features:

- The structure is simple and easy to use. It absorbs impact and vibration by its high elasticity.
- It permanently eliminates problems such as noise (there are no metal parts in contact with one another) and pollution (there are no lubricants and wear is insignificant), with a notable reduction or running costs.
- It is stain-resistant and has high tolerance to water and sunlight.

Related Product Page

Pulley Bolt Sets **TC-IB** are available separately.

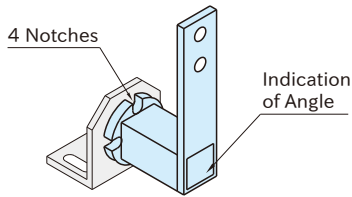
Technical information:

Working temperature : -40 to 80°C



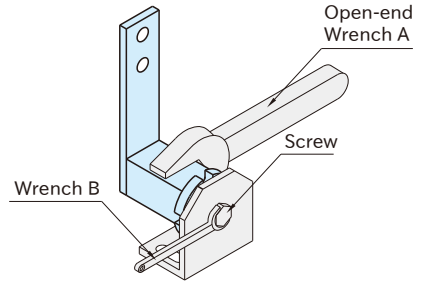
How To Use

Installation Instructions



The Indication helps adjustment of the rotating angle.

If necessary, place a pin in one of the notches to fix the body stably.

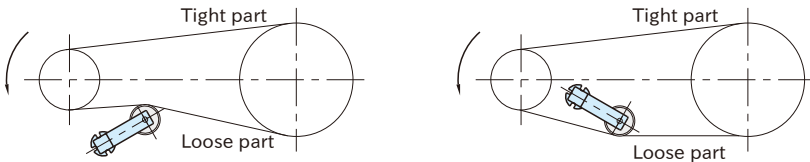


Turn the body with Open-end Wrench A to the requisite angle.

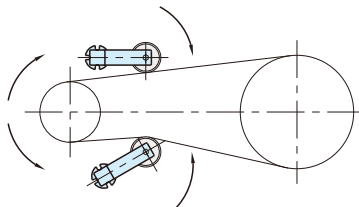
Keep the angle and tighten the screw with wrench B.

Usage

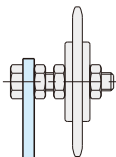
· Tighteners must be positioned on the loose part of the transmission.



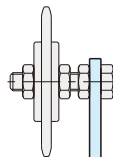
· For reversible transmission system, tighteners must be positioned on both sides.



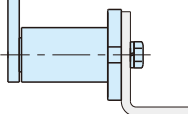
Usage Note



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



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% ($\pm 15^\circ$ in angle) of the original max. tension force.



Basic Installation