

## CHAINWHEEL INSTALLATION ON HANDWHEEL

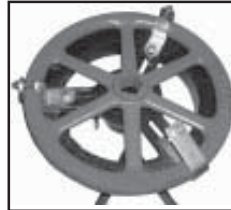
### Instructions for attaching the Chainwheel assembly to a Valve handwheel



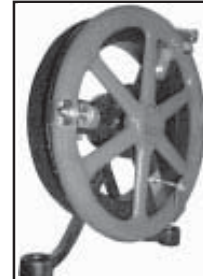
First, fasten attachment base and clamp to top of valve handwheel with bolt extending away from valve.



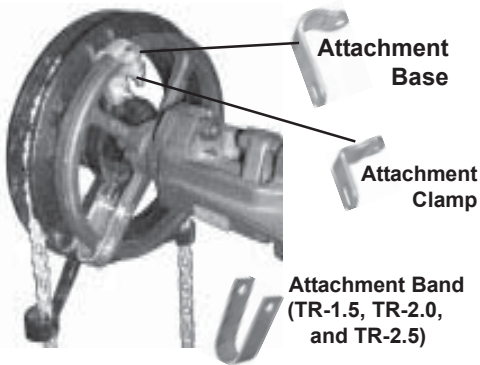
Attach chainwheel by aligning any of 3 slots in chainwheel over extended bolt, assemble washer and nut and tighten.



Center the chainwheel on the handwheel using the remaining attachment set hardware and tighten the fasteners. Check to make sure the valve handwheel is securely fastened to the valve stem.



The attachment band can accommodate handwheels with spoke patterns that cannot use three clamp sets.



Use Attachment Bases with Clamps (a Band is used in place of one Clamp Assembly on smaller sizes) to secure the Chainwheel to the valve handwheel as shown above. Slots in Chainwheel allow adjustment for range of handwheel diameters; slots in Base and Clamp allow adjustment for various handwheel rim diameters. (Some handwheel spoke configurations require the Band to be tightened around a handwheel spoke instead of the rim.)

**Prevent handwheel retaining nut from loosening; assembly can fall from stem.**

Wheel Size	Uses Chain	Attachment Set			
		Size	Base Bolts	Clamp Bolts	Band Bolt
TR-1.5	#367-1894	A	1/4"-20" x 1" - 2 ea.	1/4"-20" x 1" - 2 ea.	1/4"-20" x 1-3/4" - 1 ea.
TR-2.0	#367-1894	A	1/4"-20" x 1" - 2 ea.	1/4"-20" x 1" - 2 ea.	1/4"-20" x 1-3/4" - 1 ea.
TR-2.5	#367-1895	B	1/4"-20" x 1-1/2" - 2 ea.	1/4"-20" x 1-1/2" - 2 ea.	1/4"-20" x 2-1/2" - 1 ea.
TR-3.0	#367-1895	C	3/8"-16" x 1-3/4" - 3 ea.	3/8"-16" x 2-1/2" - 3 ea.	none
TR-3.5	#367-1895	C	3/8"-16" x 1-3/4" - 3 ea.	3/8"-16" x 2-1/2" - 3 ea.	none
TR-4.0	#367-1896	C	3/8"-16" x 1-3/4" - 3 ea.	3/8"-16" x 2-1/2" - 3 ea.	none
TR-4.5	#367-1896	C	3/8"-16" x 1-3/4" - 3 ea.	3/8"-16" x 2-1/2" - 3 ea.	none
TR-5.0	#367-1896	D	1/2"-13" x 1-3/4" - 3 ea.	1/2"-13" x 1-3/4" - 3 ea.	none