

Model FP63LTF, FP63TF, FP63G Mechanical Tees



INSTALLATION INSTRUCTIONS

Application

Zurn Model FP63 Mechanical Tees provide fast, convenient mid-pipe branch connections without welding; ideal for adding sprinklers to runs of pipe.

Safety Warning:

Read and understand all instructions before attempting to install any piping products. Depressurize and drain the piping system before attempting to install, remove, or adjust any piping products.

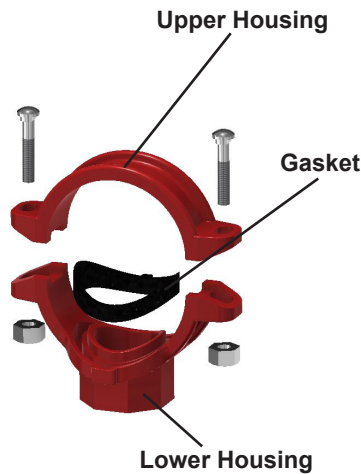
Wear safety glasses, hardhat, and foot protection during installation.

Proper torqueing of bolts is required to obtain specified leak-tight performance. Over torqueing may result in broken bolts or castings.

Failure to follow these instructions could result in improper product installation, property damage, and serious personal injury.

Gaskets

Start with clean mating coupling surfaces. Remove burrs, rust, and greasy dirt on gaskets, outlet holes, and pipe ends. Zurn Mechanical Tee gaskets are EPDM, temperature rated -30F to 230F. Use with cold water, hot water, or air. All Mechanical Tees are shipped from the factory with gaskets that are lubricated and ready to install. If during installation, re-lubrication becomes necessary, a thin coating of a silicone based lubricant may be applied to the exterior gasket sealing surfaces. Use caution to ensure foreign particles do not adhere to the lubricated surfaces. DO NOT use with petroleum oils mineral oils, solvents, or aromatic hydrocarbons. DO NOT use with petroleum grease.



3. Connect the upper and lower housings with one nut and bolt, to swing the two parts over the pipe. Insert the second bolt through the housings and hand tighten nuts.

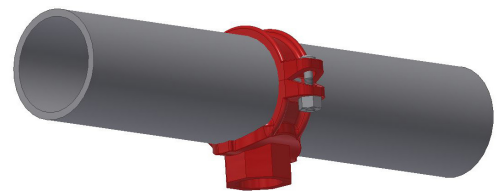
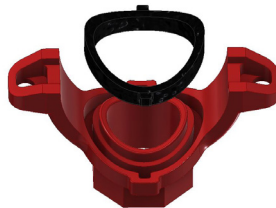
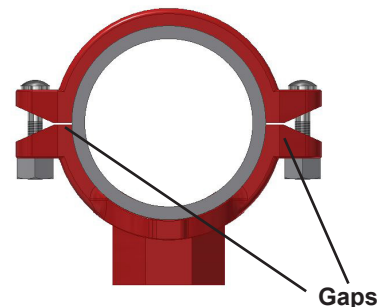


1. **Hole Cutting.** Find the location for the hole on the pipe. Use the appropriate Hole Saw Size Table to select a hole saw. Make sure hole is centered on pipe. Deburr the hole and clean the pipe surface within 5/8" around the hole where the gasket is seated. DO NOT use a torch to cut outlet holes.

4. Tighten nuts alternately and equally until the outlet housing contacts the pipe, metal to metal. Keep bolt pad gaps equal on both sides. Torque nuts according to the Required Torque Table.



2. Insert the gasket into the housing oriented to align gasket tabs into the housing recesses.



WARRANTY: ZURN WILKINS Valves are guaranteed against defects of material or workmanship when used for the services recommended. If in any recommended service, a defect develops due to material or workmanship, and the device is returned, freight prepaid, to ZURN WILKINS within 12 months from date of purchase, it will be repaired or replaced free of charge. ZURN WILKINS' liability shall be limited to our agreement to repair or replace the valve only.

WARNING: This product is NOT Lead Free in accordance with U.S. Federal Law and is illegal in the U.S. for use in potable services or to install in water systems anticipated for human consumption.

▲ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
 ▲ **ADVERTENCIA:** Cáncer y daño reproductivo - www.P65Warnings.ca.gov
 ▲ **AVERTISSEMENT:** Cancer et néfastes sur la reproduction - www.P65Warnings.ca.gov



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Mechanical Tees

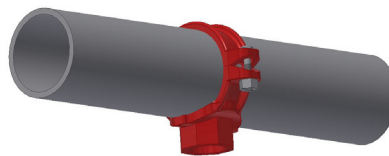


Model	Hole Saw Size (in.)
1X12-FP63LTF	15/16
1X34-FP63LTF	15/16
114X12-FP63LTF	1-3/16
114X34-FP63LTF	1-3/16
114X1-FP63LTF	1-1/4
112X12-FP63LTF	1-3/16
112X34-FP63LTF	1-3/16
112X1-FP63LTF	1-1/4
2X12-FP63LTF	1-3/16
2X34-FP63LTF	1-3/16
2X1-FP63LTF	1-1/4
212X12-FP63LTF	1-3/16
212X34-FP63LTF	1-3/16
212X1-FP63LTF	1-1/4

Model	Hole Saw Size (in.)
2X114-FP63G	1-3/4
212X114-FP63G	2
212X112-FP63G	2
3X114-FP63G	2
3X112-FP63G	2
3X2-FP63G	2-1/2
4X114-FP63G	2
4X112-FP63G	2
4X2-FP63G	2-1/2
4X212-FP63G	2-3/4
4X3-FP63G	3-3/8
6X114-FP63G	2
6X112-FP63G	2
6X2-FP63G	2-1/2
6X212-FP63G	2-3/4
6X3-FP63G	3-3/8
8X2-FP63G	2-3/8
8X212-FP63G	2-3/4
8X3-FP63G	3-3/8
8X4-FP63G	4-1/2

Model	Hole Saw Size (in.)
2X1-FP63TF	1-1/2
2X114-FP63TF	1-3/4
2X112-FP63TF	1-3/4
212X12-FP63TF	1-1/2
212X1-FP63TF	1-1/2
212X114-FP63TF	2
212X112-FP63TF	2
3X12-FP63TF	1-1/2
3X34-FP63TF	1-1/2
3X1-FP63TF	1-1/2
3X114-FP63TF	2
3X112-FP63TF	2
3X2-FP63TF	2-1/2
4X12-FP63TF	1-1/2
4X34-FP63TF	1-1/2
4X1-FP63TF	1-1/2
4X114-FP63TF	2
4X112-FP63TF	2
4X2-FP63TF	2-1/2
4X212-FP63TF	2-3/4
4X3-FP63TF	3-3/8
6X1-FP63TF	1-1/2
6X114-FP63TF	2
6X112-FP63TF	2
6X2-FP63TF	2-1/2
6X212-FP63TF	2-3/4
6X3-FP63TF	3-3/8
8X2-FP63TF	2-3/8

Bolt Size Inch	Required Torque	
	N-m	Lbs-Ft
3/8	40-60	30-45
1/2	110-135	80-100
5/8	135-175	100-130
3/4	175-245	130-180
7/8	245-325	180-240



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