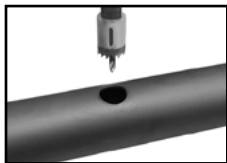
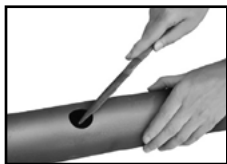


Please read these instructions carefully before installation.



1. HOLE CUT:

Determine the location for the hole on the pipe. Use a 1-3/16" (30 mm) hole saw and cut a hole at the desired location. The hole must be directly positioned in the center of the pipe. Any offset can cause the hole to be ob-round and cause leakage.



2. REMOVE BURRS

Remove burrs and clean the pipe surface within 5/8"(16 mm) around the hole where the gasket is to be seated

⚠ CAUTION ⚠

The hole must be clearly cut and shall have a smooth edge. Never use a hand torch for cutting a hole as this could affect proper sealing.



3. INSERT GASKET:

Insert the gasket into the gasket pocket of the housing using alignment tabs on side for proper positioning.

Refer to page 36 for additional information on gaskets.

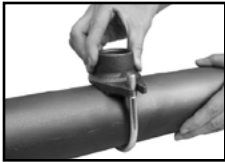
⚠ CAUTION ⚠

Do not use EPDM gaskets for hydrocarbons or petroleum services as this could result in a leak or joint failure.



4. POSITION LOCATING COLLAR:

Position the upper housing on the pipe so that the built-in locating collar fits properly within the hole.



5. INSERT BOLT:

Insert the U-bolt from the opposite side of the pipe and apply the nuts hand tight.

NOTE

For SS-723, insert the lower housing from the opposite side of the pipe and apply the bolts and nuts hand tighten.



6. TIGHTEN NUT:

Check to make sure the locating collar is properly seated in the hole. Tighten the nuts alternately and equally to an approximate torque value of 22 Lb-Ft (30 Nm).

Always fasten the bolts to the required torque.



▲ CAUTION ▲

Excessive torque may lead to gasket distortion, leaks and/or joint failure. To avoid excessive torque use a wrench with a maximum length of 8" (200 mm)

723 & SS-723 MECHANICAL TEES

HOLE SIZES

HEADER SIZE	BRANCH SIZE	HOLE DIMENSIONS		A. SURFACE PREPARATION *
		HOLE SAW SIZE	MAX DIA. ALLOWED	
in	in	in	in	in
mm	mm	mm	mm	mm
1-1/4	1/2, 3/4, 1	1-3/16	1-1/4	3-1/2
32	15, 20, 25	30	32	89
1-1/2	1/2, 3/4, 1	1-3/16	1-1/4	3-1/2
40	15, 20, 25	30	32	89
2	1/2, 3/4, 1	1-3/16	1-1/4	3-1/2
50	15, 20, 25	30	32	89
2-1/2	1/2, 3/4, 1	1-3/16	1-1/4	3-1/2
65	15, 20, 25	30	32	89

* Please refer to page 81.

723 & SS-723 MECHANICAL TEES

OUTLET FLOW CHARACTERISTICS

OUTLET SIZE	EQUIVALENT LENGTH
in	ft
mm	m
1	1.2
25	40

Feet and Meter of Schedule 40 steel outlet pipe with a Hazen-Williams coefficient of friction value of 120.