

INSERTA TEE® INSTALLATION INSTRUCTIONS

U.S. Pat. No. 4365829 Canadian Pat. No. 1171114

Use Standard Hole Saw for PVC (solidwall, profile and closed profile) and corrugated polyethylene mainlines.

Use Poly Hole Saw for solidwall polyethylene mainlines.

Use Diamond Core Bits for concrete, clay, ductile iron and fiberglass mainlines.

Tools required:

1. Hand-held drill with hole saws recommended for 4", 6" & 8" INSERTA TEES. Tie down Coring Machine recommended for 10", 12" and 15" INSERTA TEES and ALL diamond bits.

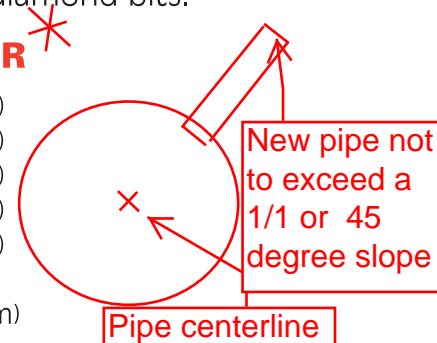
2. Bits

INSERTA TEE SIZE

HOLE DIAMETER

4" (100 mm)
6" (150 mm)
8" (200 mm)
10" (250 mm)
12" (300 mm)
15" (375 mm)
16" & 18"

4 1/2" (112.5 mm)
6 1/2" (162.5 mm)
8 3/4" (218.8 mm)
10 7/8" (271.9 mm)
12 7/8" (321.8 mm)
15 13/16" (401.6 mm)
19 3/16" (487.17mm)



3. 8 lb. (3.6 kg) hammer and 2" (50mm) x 4" (100mm) board. 4" (100mm) x 4" (100mm) on 15"

4. Bottle of INSERTA TEE solution - 16oz or 8oz supplied with order. (16oz of water to 1 tablespoon of liquid soap)

INSTALLATION PROCEDURE*

1. See Bit Diameters listed above. Make sure bit is perpendicular to mainline. Core proper size hole. Feel inside hole and clear any remaining material.
2. Insert the rubber sleeve into the cored hole with the GOLD VERTICAL LINE ON THE RUBBER SLEEVE facing to the side of the mainline. The upper segment should be on top of the wall or rib and the lower segment should be on the inside of the pipe. Feel inside to be sure lower segment is flat against the inside wall.
3. Apply the INSERTA TEE solution supplied to the inside of the rubber sleeve and to the outside of the PVC hub adapter's spigot. **WARNING!** Using pipe lube may result in hub adapter popping out!
4. Place the PVC hub adapter into the rubber sleeve. Make sure that the RED VERTICAL LINE ON THE PVC HUB ADAPTER IS IN LINE WITH THE GOLD VERTICAL LINE ON THE RUBBER SLEEVE. Push hub adapter in as far as possible by hand. Make sure hub adapter is perpendicular to mainline. Forcing hub adapter through at any angle may cause damage to rubber sleeve or hub adapter.
5. Place the 2 x 4 board onto the top of the PVC, hub adapter.
6. The RED HORIZONTAL LINE AT THE TOP OF THE HUB ADAPTER is the depth mark. This tells the installer just how far to drive the adapter into the rubber sleeve. Using the board and hammer, drive the PVC hub adapter into the rubber sleeve where the HORIZONTAL RED LINE ON THE PVC HUB ADAPTER MEETS THE TOP OF THE RUBBER SLEEVE.
7. Place the stainless band around the top of the rubber sleeve and tighten down.
8. Install side service pipe in normal manner.

* **Do not install below spring line.**

* **CIPP & FFP installations** -remove clay/concrete from area where connection is to occur. Next go to "Installation Procedure."

INSERTA TEE

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