

Universal EasiTee

Sizes 80mm – 300mm (3" – 12")

- 1) Prepare pipe surface, ensuring that the main is free from loose surface deposits, mud, rust, scale etc. (Fig. 1)
 - 2) Remove EasiTee from packaging and ensure that the diameter of the main falls within the outside diameter range of the EasiTee
 - 3) For 100mm to 300mm sizes, do not disassemble nuts and washers. Simply loosen the nuts and swing the bolt heads out of the recesses and separate the two halves of the EasiTee. (Fig.2)
 - 3a) For 80mm size, unscrew the nuts from the bolts and separate the two halves of the EasiTee.
 - 4) Install the branch housing first and then offer up the plain housing ensuring that both gasket tapers lay flat against the pipe. (Fig. 3&4)
 - 5) For 100mm to 300mm sizes, swing over bolt heads and locate in the branch housing slotted holes. Loosely tighten the nuts. (Fig. 5)
 - 5a) For 80mm size, locate captive clamp bolts in the bolt holes. Fit the washers and loosely tighten the nuts. (Fig. 6)
- N.B.** The bolts should be orientated so that the nuts are tightened against the plain housing.
- 6) Place the EasiTee in the desired orientation and then commence bolt up. Follow the diagram tightening sequence. Tighten all bolts evenly to ensure the two halves are drawn together uniformly (1,2,3 & 4 ... 1,2,3 & 4 etc) (Fig. 7)
(For side entries it is necessary to support the EasiTee before and during assembly.)
 - 7) Mount the isolation valve on the flanged outlet of the EasiTee using the standard flange bolting techniques, placing the gaskets between the flanges and **supporting the valve weight.**
 - 8) Pressure test assembly as required, then connect drilling equipment to the valve and proceed with the drilling operation, following the machine manufacturer's instructions and **supporting the machine weight.**
 - 9) Once operation is complete, connection of new pipework can proceed.

BOLT / TORQUE TABLE

Nominal Diameter (mm)	Bolt Size	Torque	
		Lbf.ft	Nm
80 – 150	M16	70-80	95-110
200 – 250	M20	110-120	150-165
300	M24	210-220	285-300

