

## STANDARD / EXTRA WIDE COUPLINGS

Insertion of a junction or repair of existing pipeline using Standard or Extra Wide Couplings

- A** Cut section from pipeline using pipe cutter or disc saw and remove.
- B** This should be about 20mm longer than the junction or short pipe length to be installed.
- C** Loosen clamps on coupling and slide onto each end of existing pipeline then position new junction or short pipe length. (Lubricant not required)
- D** Place pencil mark half a coupling width from each joint.
- E** Using these pencil marks, centre a coupling over one joint at a time.
- F** Tighten the worm drive units in sequence across the width of the coupling to recommended torque. The central shear ring is on the coupling, it should be tightened first.
- G** Upon completion of joints, carefully tamp bedding material under the pipe.



## ADAPTOR / DRAIN COUPLINGS

Installing Drain Couplings

- A** Slide the coupling fully onto pipe; position next pipe.
- B** Mark one pipe with a pencil, half a coupling width from the joint.
- C** Centre coupling over joint.
- D** Tighten clamps to recommended torque and tamp bedding material under pipe.



Installing Adaptor Couplings

- A** Slide the coupling fully onto larger pipe.
- B** Mark smaller pipe with a pencil, half a coupling width from the joint.
- C** Insert smaller pipe up to the mark.
- D** Tighten clamps to recommended torque and tamp bedding material under pipe.

## BUSHES

Installing a Standard Coupling using a Bush

- A** Slide the bush over the end of the smaller pipe. Loosen the clips on the coupling and place on the end of the larger pipe.
- B** If required, additional bushes can be placed over the first to obtain the necessary thickness.
- C** Push pipes together and slide the coupling over the bush until the ends are level. (Lubricant not required.)
- D** Tighten the central shear ring then clamps to recommended torque.
- E** Upon completion of joints, carefully tamp bedding material under the pipe.



## LATERAL CONNECTORS

- A** Drill 90° hole to pipe axis.
- B** Clean and file drill hole.
- C** Press Lateral Connector (L.C.) into socket.
- D** Pull L.C. up until bottom flange is tight against inside wall pipe.
- E** Mark incoming lateral pipe 80 mm from end, lubricate pipe and L.C.
- F** Now press pipe down to lowest stop (mark disappears). Tighten the clamp to 6 Nm.

