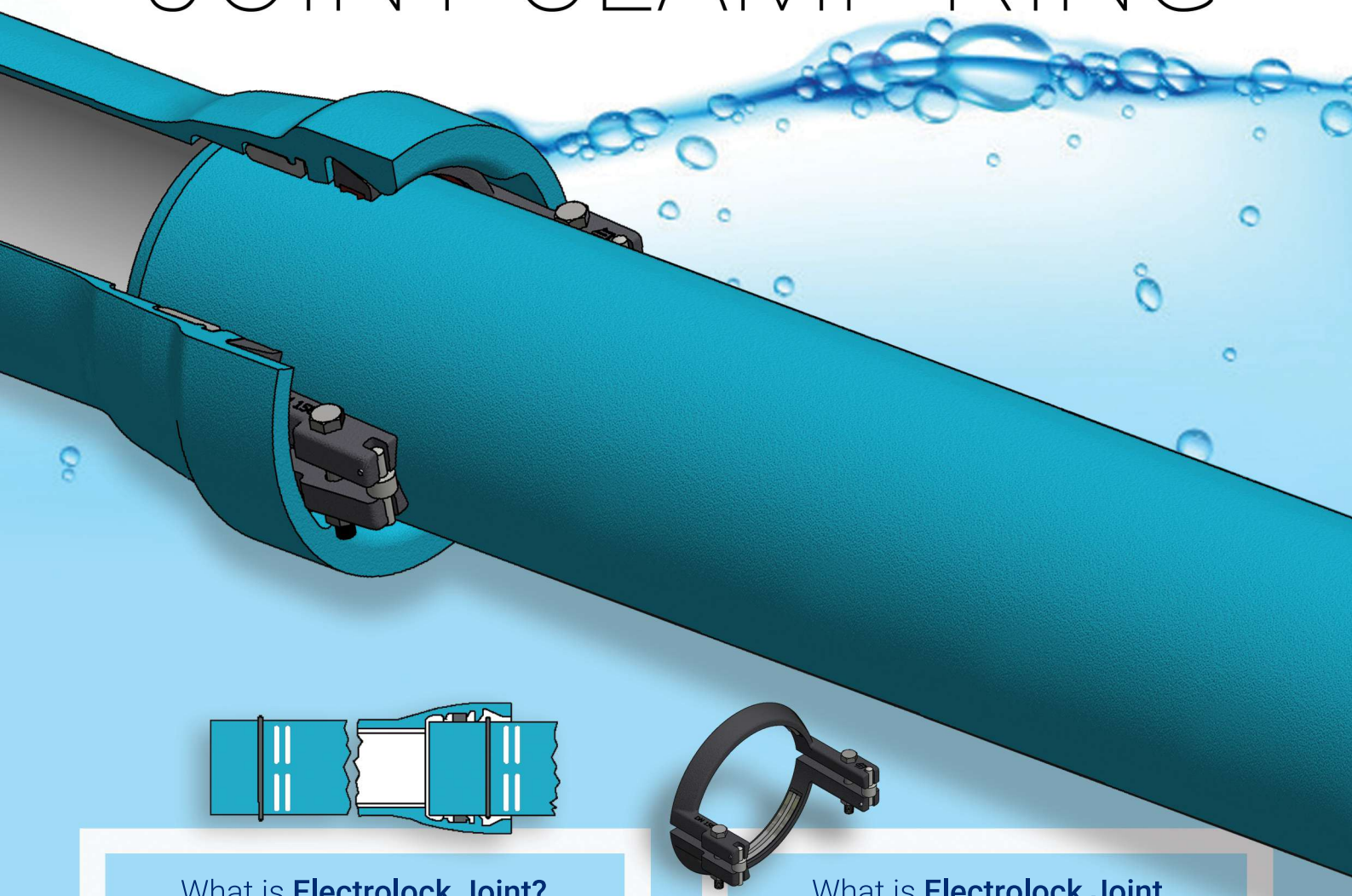
ELECTROSTEEL

ELECTROLOCK
JOINT CLAMP RING



What is **Electrolock Joint?**

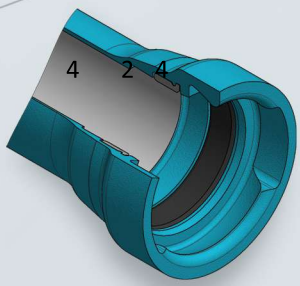
In a working pipeline, thrust forces develop at change of direction which may lead to joint separation. Restrained joint pipe and fittings are used in pressurized Ductile Iron pipelines to prevent joint separation due to thrust forces. Electrosteel offers **Electrolock**-a self-restrained joint. It contains a weld bead on the spigot end, double chamber at socket end, normal push-on gasket and locking bar in parts. The weld bead helps to hold the locking bar during restraining action.

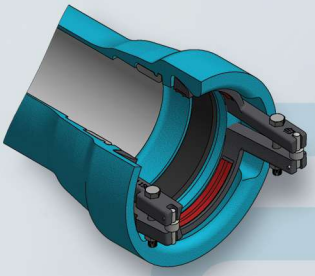
What is **Electrolock Joint Clamping Ring?**

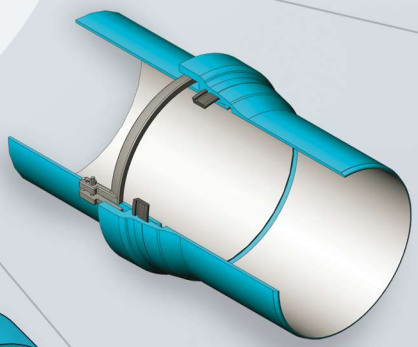
It is often necessary to cut the pipe at site as per requirement. As a result, spigot/plain end of the pipe does not have a weld bead, making the holding lock-bars inoperative. It may be difficult and time consuming to make the weld bead at site on the cut end of the spigot/plain end. This **Clamping Ring** is a substitute of the weld bead. It contains two semi-circular detachable rings fitted with nuts and bolts. Once tightened on the pipe spigot, it holds the locking bars in place to make an effective Electrolock joint at site with cut pipes.

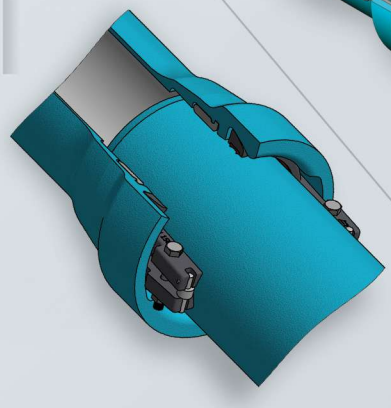
1) Normal push on gasket
2) Clamp ring
3) Clamping Bolt
4) Clamping nut
5) Electrolock Socket
6) Spigot end

Clamping Procedure









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