

LEAK REPAIR CLAMP



LEAK REPAIR CLAMP (LRC)

The Quality Connector Systems, LLC Leak Repair Clamps are split sleeve fittings designed to encapsulate and seal off localized leaks on a pipeline. With the much higher costs and environmental risks associated with underwater pipeline leaks, this more robust, permanent clamp design is preferable for subsea applications.

The QCS engineering group has more than 20 years experience designing split sleeve clamps. The subsea-specific design of the Leak Repair Clamp offers a permanent solution to the repair of localized “pinhole or crack-type” pipeline leaks.

For other applications, specialty clamps can be custom designed to encapsulate leaking flanges and other pipeline fittings.

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DESIGN FEATURES AND BENEFITS

- Standard Viton Seals
- Energized circumferential seals which are mechanically energized and set by tightening bolts on each end of the clamp.
- Cathodic Protection
- Hinges and Hydraulic Cylinders to assist with open/close function during installation.
- Quick installation design which uses hydraulic stud tensioners for the tightening of body bolts and seal bolts.
- QCS offers an optional Leak Repair Clamp that is a "Full Structural" design which has collet grips to reinforce the structural integrity of the pipeline.

