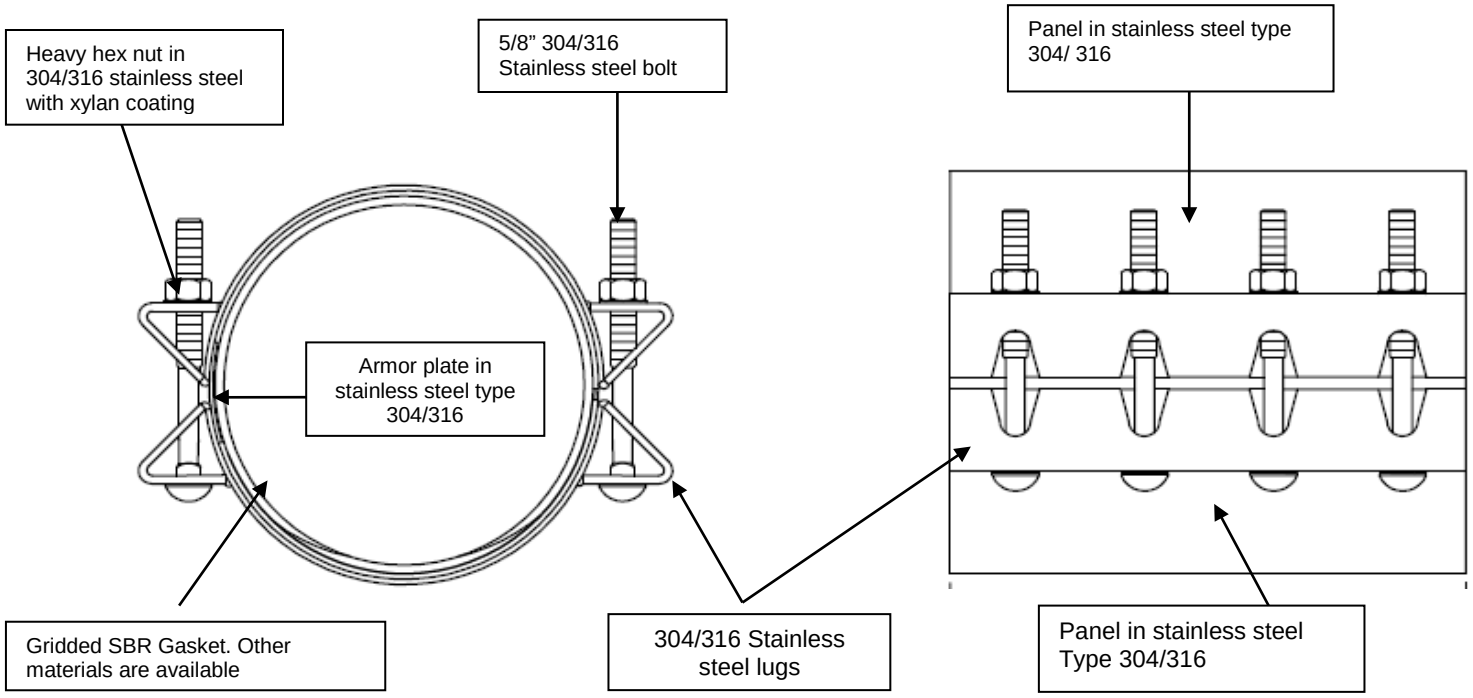
Features and Benefits

1. Materials do not compromise the integrity of the pipeline.
2. Drop in track head bolts with stainless steel nuts allow assembly in either direction
3. Due to stainless steel panel construction clamps can be manufactured in range to fit any pipe diameter.
4. Clamps are available with NPT or AWWA (CC) tapped outlets ½" -3" for repairing damaged service connections.
5. Gasket design makes sealing on pitted or corroded pipe possible and lessens bolt torque required to attain leak stoppage.
6. Long life capability due to totally 304/316 stainless design.



*The pressure rating depends on the installation and the extent of damage of the pipe as well as the condition of the pipe.

Scope

The intent of the specification is to receive 4" and up diameter all stainless steel repair clamps capable of repairing leaks in all pressure classes of steel, cast and ductile iron, PVC, and asbestos cement pipes. The repair clamp furnished shall be equivalent to Model 3122AS-HP as manufactured by PowerSeal Pipeline Products Corporation.

Design and Material Specification

The full circle repair clamp shall meet or exceed all material specifications as listed below.

1. The exterior band of the Repair Clamp shall be Type 304 (18-8) Stainless Steel. Other options available.
2. The repair clamp shall have a complete circle gasket permanently attached to the panel at the factory.

   The complete circle gasket shall be gridded design in SBR. It shall be free from porous areas, foreign material, and visible defects, all made from 100% new rubber. The SBR resists temperatures of -25 to +200°F. Other options are available.
3. Lugs shall be fabricated with 304 stainless steel heavy gauge sheet, MIG welded.
4. There shall be no paper or plastic adhesive labels attached to the repair clamp, any information appearing on the clamps shall be stenciled.

Material Specifications		
Part Name	**Material**	**Mat. specs**
Panel	Stainless Steel type 304	ASTM A240
Armor Plate	Stainless Steel type 304	ASTM A240
Lugs	Stainless Steel type 304	ASTM A240
Bolts	Stainless Steel type 304	ASTM A193
Nuts	Stainless Steel type 304	ASTM A194
Gaskets	SBR	ASTM D2000