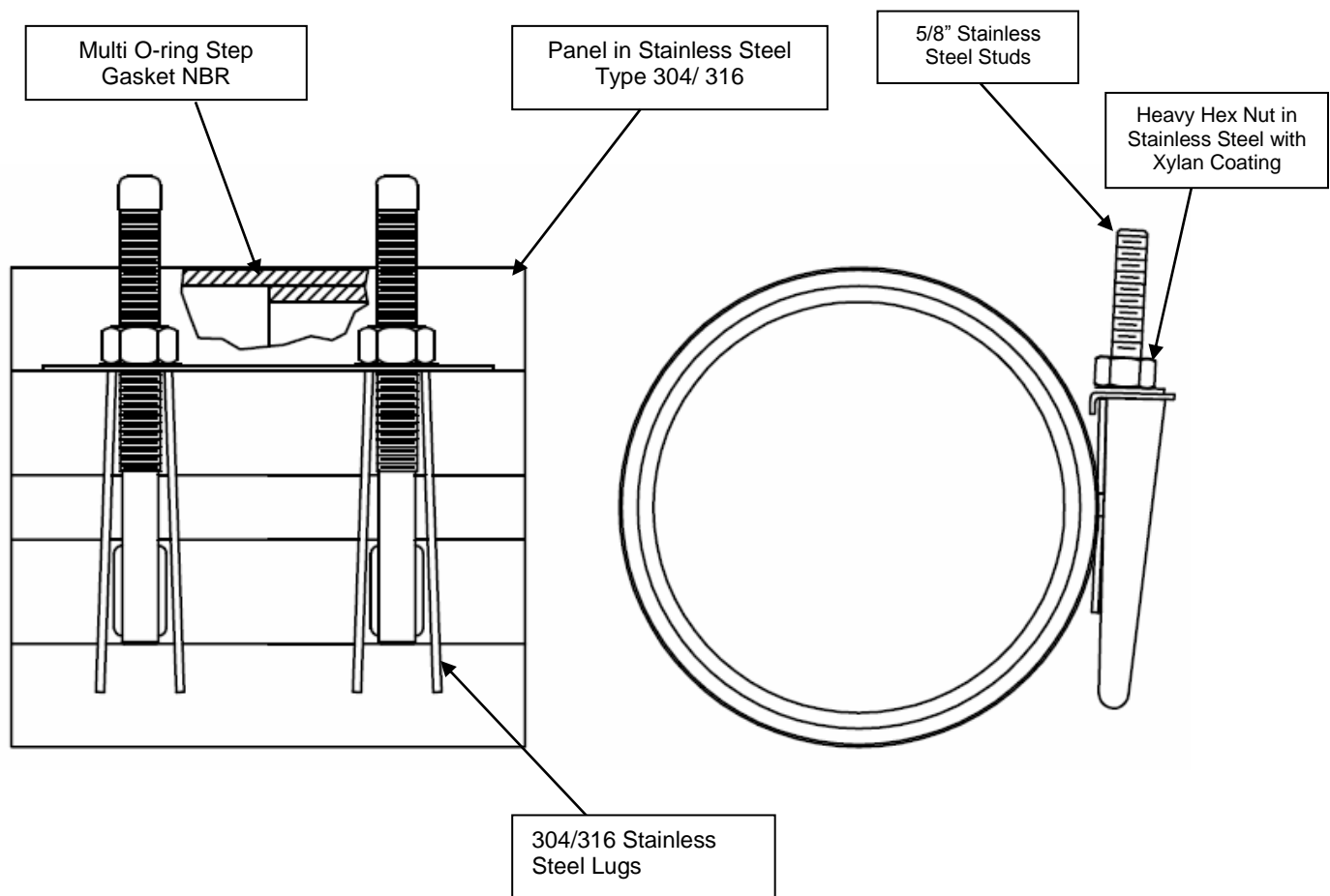


### *Features and Benefits*

1. Materials do not compromise the integrity of the pipeline.
2. Can be manufactured to fit various collar types.
3. 5/8" stud bolts MIG welded to lug plates (captive design) makes installation easy and eliminates loose pieces in the field.
4. Heavy hex nut with fusion bonded coating to prevent seizing and galling.
5. Lifter Bar acts as bearing surface for nuts, special design lip holds position while tightening.
6. Plastic washers reduces friction between lifter bars and nuts



### *Scope*

The intent of the specification is to receive 3" – 15" diameter stainless steel collar leak clamp capable of repairing leaks in solvent weld PVC and PIP bells and collars as well as threaded steel pipe collars. The clamp furnished shall be equivalent to Model 3143AS as manufactured by PowerSeal Pipeline Products Corporation.



***Design and Material Specification***

1. The patch clamp shall meet or exceed all material specifications as listed below.
2. The exterior band of the repair clamp shall be type 304 (18-8) stainless steel.
3. The clamp shall have a multi O-ring type gasket permanently attached to the panel at the factory.

The gasket shall be in NBR. It shall be free from porous areas, foreign material, and visible defects, all made from 100% new rubber; able to work on temperatures of -25 to +248°F.

4. Lugs shall be stainless steel.
5. There shall be no paper or plastic adhesive labels attached to the patch clamp, any information appearing on the clamps shall be stenciled.
6. This is a specific OD type clamp.

Material Specifications		
Part Name	Material	Mat. specs
Panel	304 or 316 SST	ASTM A240
Lugs	304 or 316 SST	ASTM A240
Stud	304 or 316 SST	ASTM A193
Nuts	304 or 316 SST	ASTM A194
Gasket	NBR	ASTM D2000