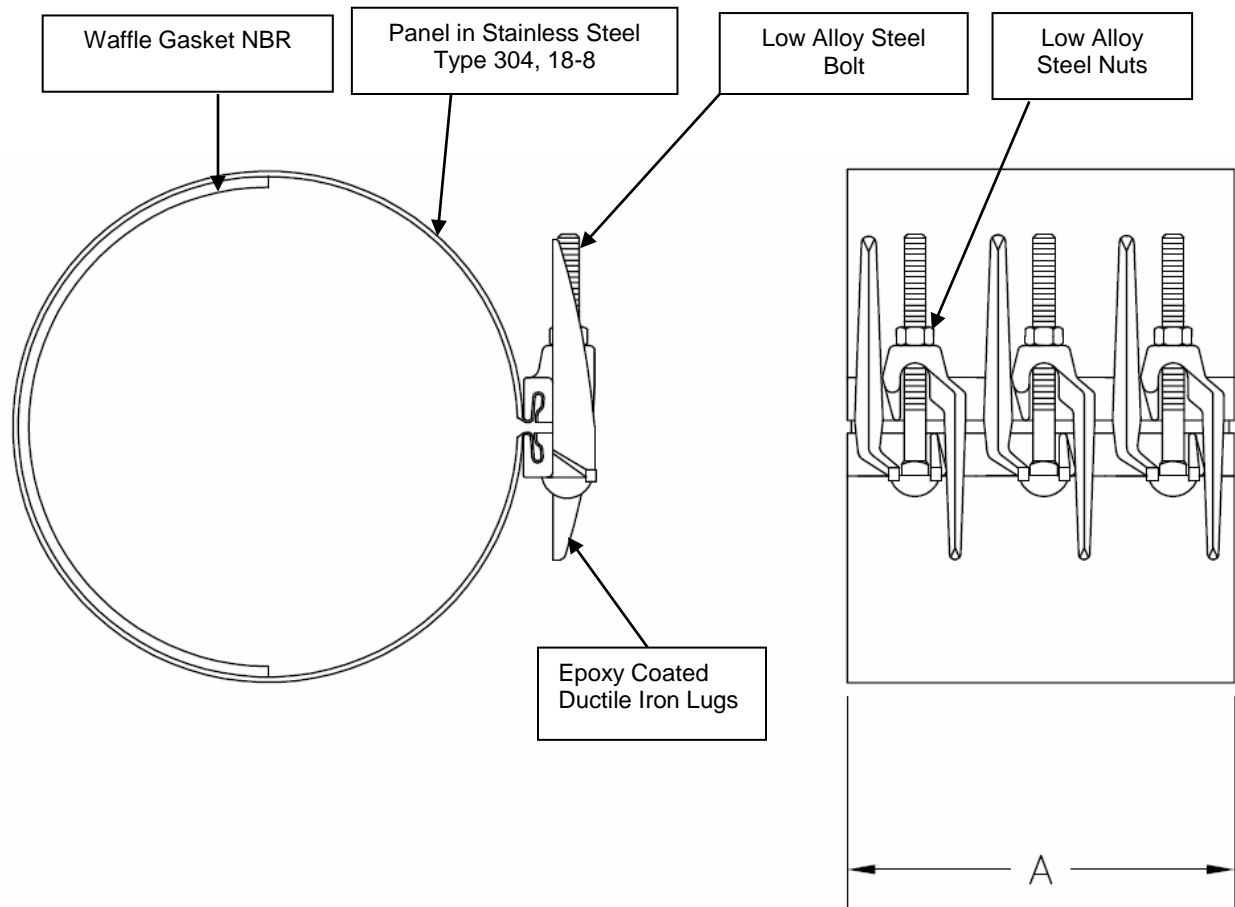


Scope

The intent of the specification is to receive 10” – 30” diameter stainless steel patch clamp capable of repairing leaks in small diameter pipes. The clamp furnished shall be equivalent to Model 3151HD, as manufactured by PowerSeal Pipeline Products Corporation.



Features and Benefits

1. Materials do not compromise the integrity of the pipeline.
2. Captive bolt design makes installation easy and eliminates loose pieces in the field.
3. Can be manufactured to fit any diameter of pipe.
4. Epoxy coated ductile iron with drop in bolt design.



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 patch clamp shall have a waffle type gasket permanently attached to the panel at the factory.
The waffle 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 ductile iron with epoxy coated finish.
5. There shall be no paper or plastic adhesive labels attached to the patch clamp, any information appearing on the clamps shall be stenciled.

Material Specifications		
Part Name	Material	Mat. specs
Panel	Stainless Steel type 304	ASTM A240
Lugs	Ductile Iron	ASTM A536
Bolts	Low Alloy Steel	ASTM A325
Nuts	Low Alloy Steel	ASTM A563
Waffle Gasket	NBR	ASTM D2000

