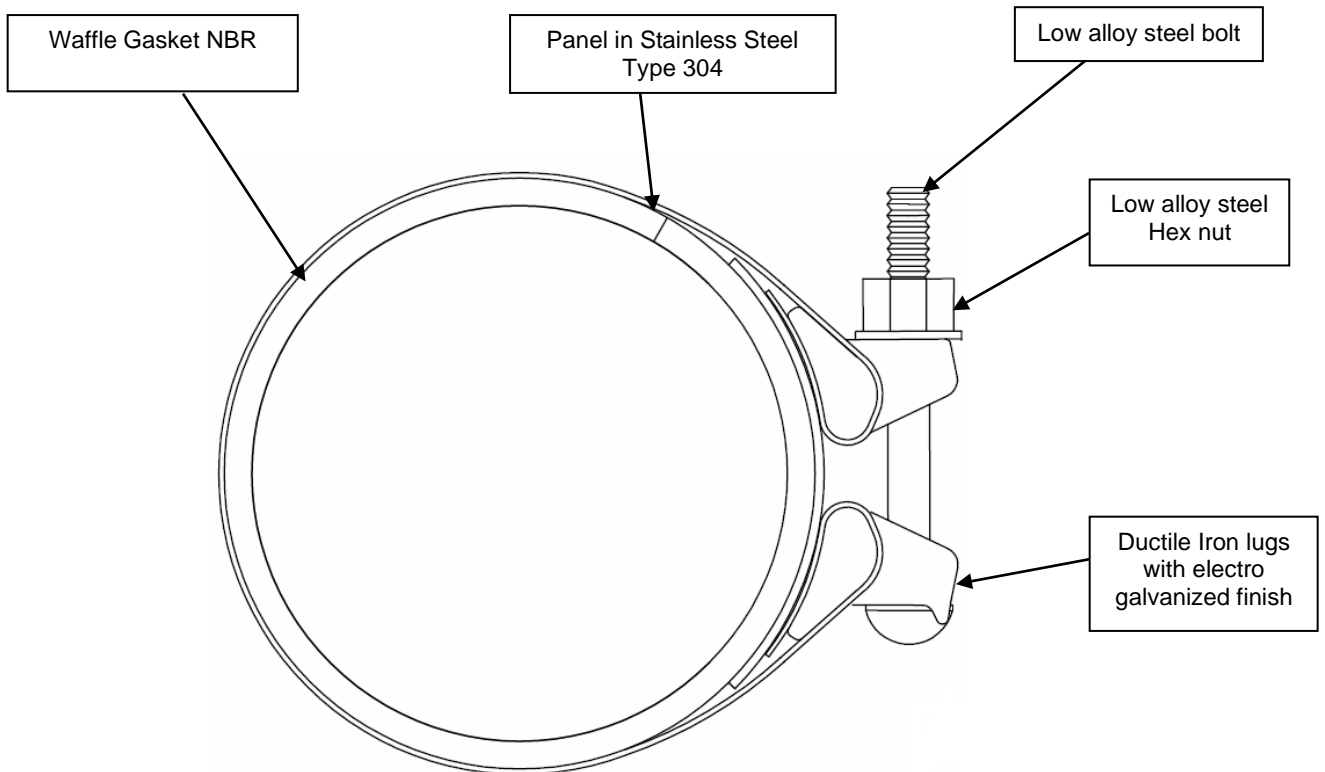


Features and Benefits

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. Ductile iron galvanized lugs with drop in bolt design.
5. Allows installer more gasket than a typical patch type clamp for ease of installation.





Scope

The intent of the specification is to receive 1/2” – 4” diameter stainless steel complete wrap-around clamp capable of repairing solvent weld connection and copper pipes. The clamp furnished shall be equivalent to Model 3146 as manufactured by PowerSeal Pipeline Products Corporation.

Design and Material Specification

- The patch clamp shall meet or exceed all material specifications as listed below:
 1. The exterior band of the patch clamp shall be type 304 (18-8) stainless steel.
 2. The clamp shall have a waffle 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.
 3. Lugs shall be ductile iron with electro-galvanized finish.
 4. Low alloy steel bolts and nuts per ASTM A325, with electro-galvanized dichromate finish for added corrosion resistance. Optional Stainless steel available.
 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	Stainless Steel type 304	ASTM A240
Lugs	Galvanized Ductile Iron	ASTM A536
Bolts	Low alloy steel	ASTM A325
Nuts	Low alloy steel	ASTM A563
Armorplate	Stainless Steel type 304	ASTM A240
Gasket	NBR	ASTM D2000