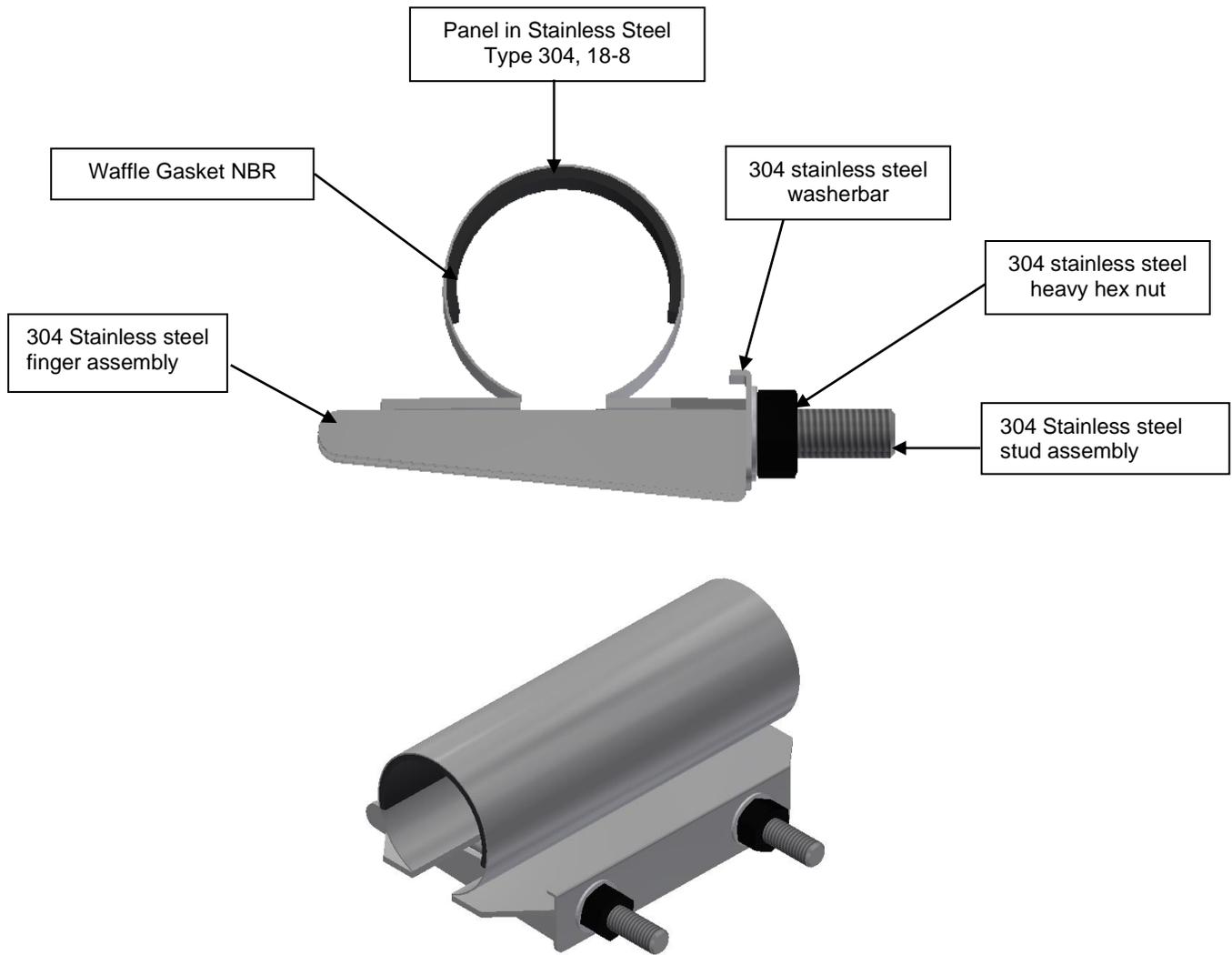


Features and Benefits

1. Materials do not compromise the integrity of the pipeline.
2. Due to stainless steel panel construction, clamps can be manufactured in range to fit any pipe diameter.
3. Gasket design makes sealing on pitted or corroded pipe possible and lessens bolt torque required to attain leak stoppage.
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 reduce friction between washerbar and nuts
7. Long life capability due to totally 304/316 stainless design.
8. Captive bolt design makes installation easy and eliminates loose pieces in the field.





Scope

The intent of the specification is to receive ½” – 12” diameter all stainless-steel patch clamp capable of repairing leaks in IPS, CTS and other small diameter pipes of various materials. The clamp furnished shall be equivalent to Models 3151AS-W, 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 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.
 3. 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
Washerbar	Stainless Steel type 304	ASTM A240
Bolts	Stainless Steel type 304	ASTM A193
Nuts	Stainless Steel type 304	ASTM A194
Waffle Gasket	NBR	ASTM D2000
Washer	Delrin	ASTM D6778