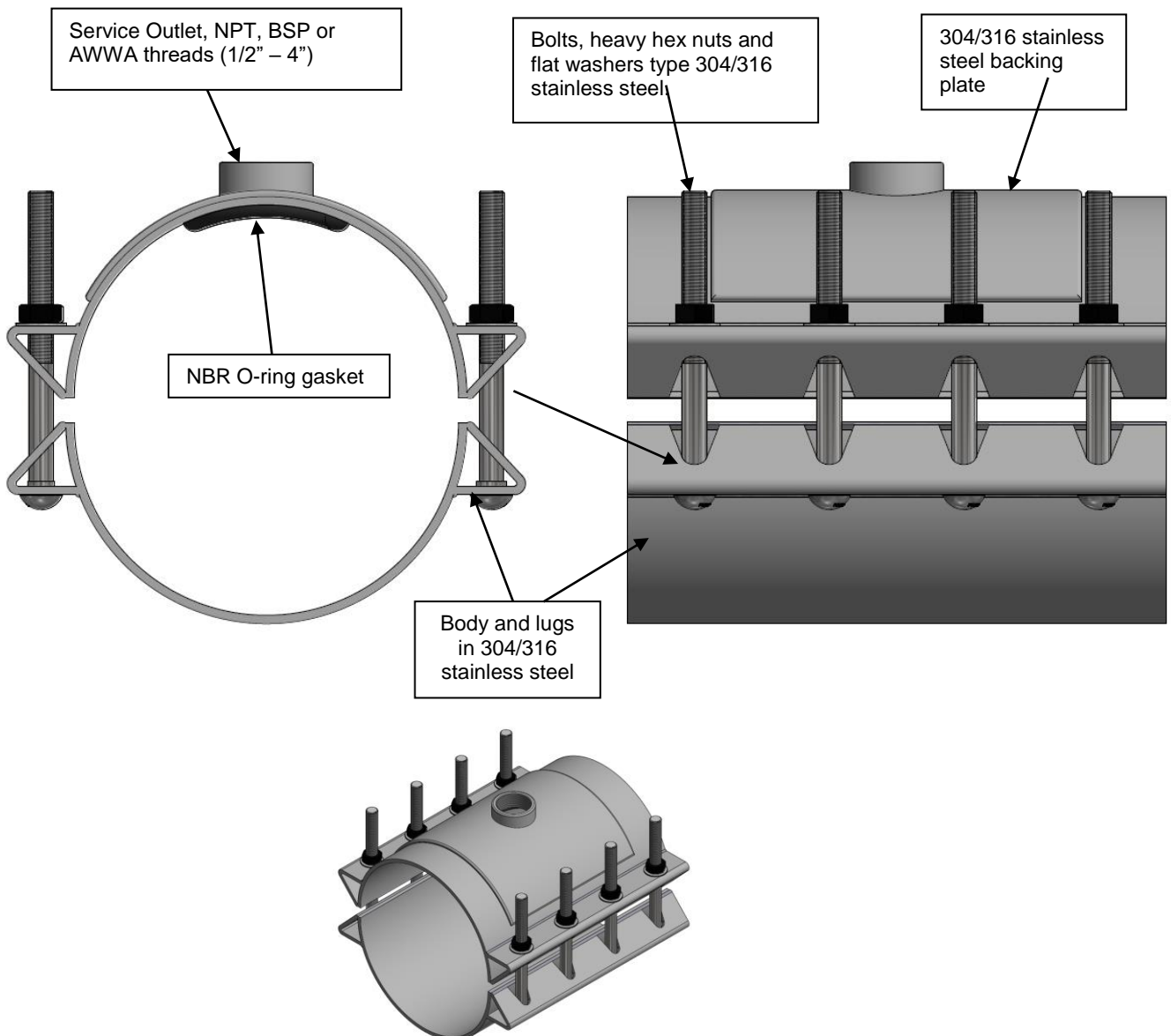


Features and Benefits

1. Materials do not compromise the integrity of the pipeline.
2. The complete tapping saddle is made from stainless steel type 304 or 316, and all the welding shall be passivated so as to return the welded stainless steel to its original corrosion resistant state.
3. Due to stainless steel panel construction saddles can be manufactured to fit any pipe diameter.
4. Tapping saddles are available with NPT, BSP or AWWA (CC) tapped outlets ½” -4”.
5. “Drop-in” track head bolts allow assembly in either direction.
6. Tapping saddle is 12” wide.



Scope

The intent of this specification is to receive 4” - 54” diameter tapping sleeve with threaded outlet for use on all classes of pipe. The tapping saddle furnished shall be equivalent to Model 3495AS as manufactured by PowerSeal Pipeline Products Corporation.

Design and Material Specification

The tapping saddle shall be rated for a maximum working pressure of 250 psi and 312 psi testing pressure for pipe sizes 4” to 24”. For pipe sizes 24” to 30” a maximum working pressure 150 psi and 225 psi tests pressure. For pipe sizes larger than 30” a maximum working pressure up to 100 psi and 150 psi testing pressure.

- The tapping saddle shall meet or exceed all material specifications as listed below:
 1. The exterior band of the tapping saddle shall be Type 304 (18-8) stainless steel. 316 Stainless steel available
 2. The O-ring in NBR (-25F° - +248F°) rubber. It shall be free from porous areas, foreign material, and visible defects, all made from 100% new rubber.
 3. The tapping saddle shall incorporate drop-in, oval-neck track-head bolts in stainless steel.
 4. Lugs shall be structurally welded GMAW (MIG) to the shell and the weld shall be fully passivated.
 5. The stainless steel female outlet shall be permanently attached to the saddle via a fully passivated weld during manufacture at the factory.
 6. There shall be no paper or plastic adhesive labels attached to the saddle, any information appearing on the saddle shall be stenciled.

Material Specifications		
Part Name	Material	Mat. specs
Panels	Stainless Steel 304/316	ASTM A240
Bolt Lug	Stainless Steel 304/316	ASTM A240
O-ring	NBR	ASTM D2000
Bolts	Stainless Steel 304/316	ASTM A193
Nuts	Stainless Steel 304/316	ASTM A194
Washers	Stainless Steel 304/316	ANSI B18.22.1
Back up plate	Stainless Steel 304/316	ASTM A240