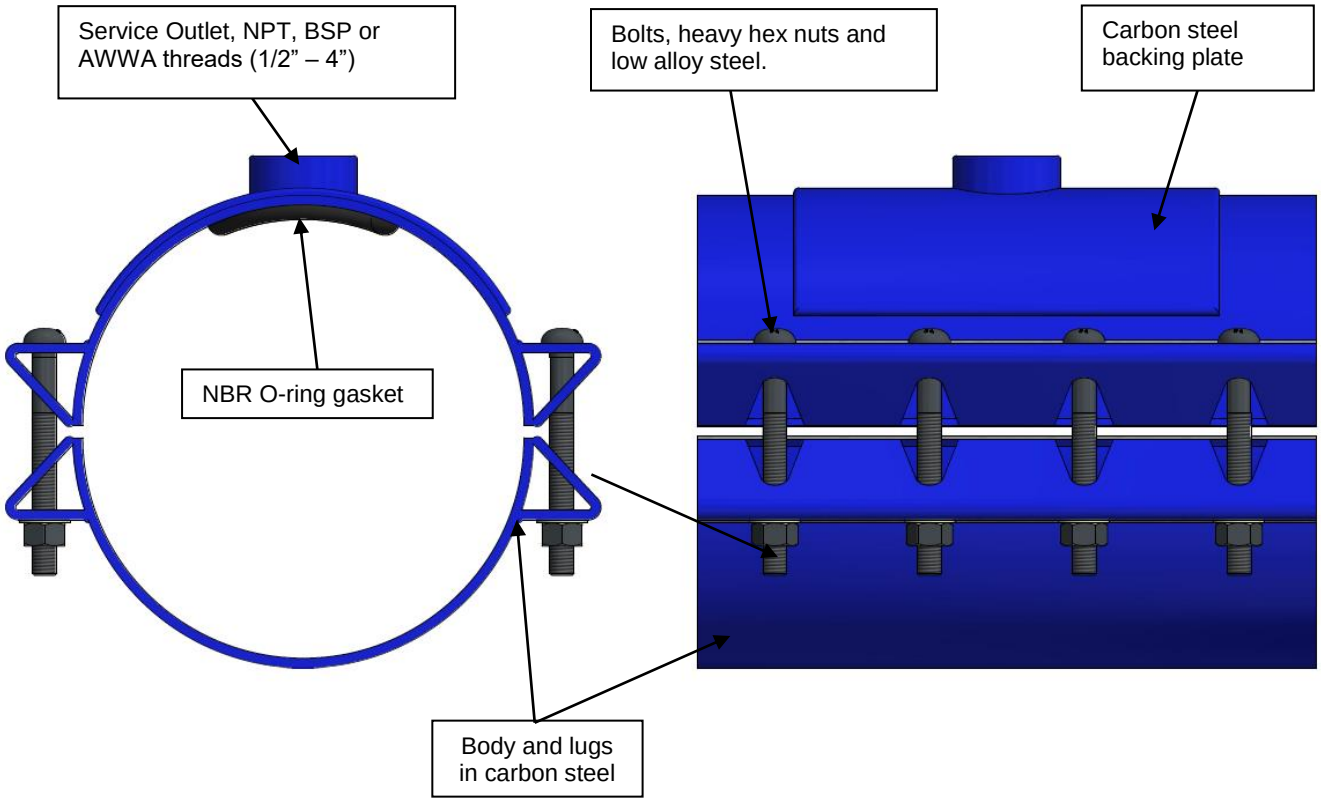
Features and Benefits

1. Materials do not compromise the integrity of the pipeline.
2. The complete tapping saddle is made from carbon steel with a liquid epoxy coating.
3. Due to 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 3465AS 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 A36 carbon steel.
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 low alloy steel. 304 stainless steel available.
4. The female outlet shall be permanently attached to the saddle via a weld during manufacture at the factory.
5. 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	Carbon steel	ASTM A36
Bolt Lug	Carbon steel	ASTM A36
O-ring	NBR	ASTM D2000
Bolts	Low alloy steel	ASTM A325
Nuts	Low alloy steel	ASTM A563
Washers	Low alloy steel	ASTM A36
Back up plate	Carbon steel	ASTM A36