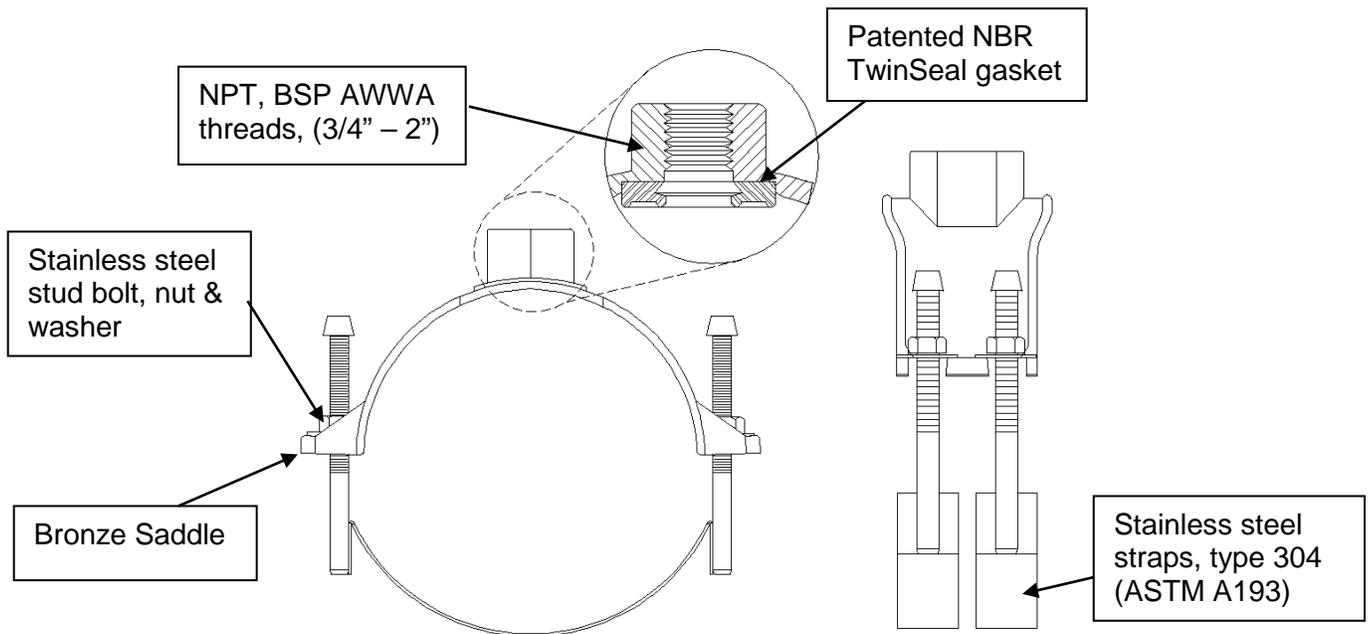


Features and Benefits

1. Materials do not compromise the integrity of the pipeline.
2. Heavy duty construction.
3. Saddles are available with NPT, BSP or AWWA (CC) tapped outlets 3/4" – 2".
4. Patented NBR TwinSeal O-ring gasket design ensures a watertight seal to all classes of pipe.
5. One saddle fits asbestos-cement, cast iron, ductile, AWWA, C-900, C.I, O.D, PVC and fiberglass pipe. Reduces inventory. Wide range capability.
6. Stainless steel strap & stud sub-assembly fitted with stainless steel nuts & washers.



Pipe Size		Pipe OD Range		Strap width	Bolts
in.	mm.	in.	mm.	in	Size
4	100	4.80-5.45	122-140	1.5"	1/2"
6	150	6.85-7.45	175-190	1.5"	1/2"
8	200	9.05-9.65	230-245	1.5"	1/2"
10	250	11.05- 12.05	282-307	1.5"	1/2"
12	300	13.20-14.20	335-360	1.5"	1/2"
16	400	17.40-18.40	442-467	1.5"	1/2"



Scope

The intent of the specification is to receive a 4’’-16’’ and up diameter bronze saddle with stainless steel strapping. The saddle furnished shall be equivalent to model 3409 as manufactured by PowerSeal Pipeline Products Corporation.

Design and Material Specification

1. The stainless steel saddle shall meet or exceed all material specifications as listed below.
2. Strap & stud sub-assembly shall be attached by way of welding during manufacture at the factory. The weld shall be fully passivated, subsequently attached to the bronze saddle by way of tightening nut.
3. There shall be no paper or plastic adhesive Labels attached to the Saddle, any information appearing on the saddle shall be stenciled.
4. The body of the saddle shall be Bronze (85-5-5-5) AWWA C800; the holding straps shall be (18-8) Stainless Steel type 304 ASTM A139, 316 also available.
5. The saddle shall have a TwinSeal NBR O-ring gasket ASTM D2000, permanently attached to the panel at the factory.
6. The O-ring gasket shall be our patented design in NBR. It shall be free from porous areas, foreign material, and visible defects, all made from 100% new rubber. NBR resists temperatures of -25 to +248°F.
7. Fully complies with AWWA C800.
8. 3409 Saddles are AIS compliant.

Material Specifications		
Part Name	Material	Mat. specs
Saddle Top	Waterworks Bronze	AWWA C800
Strap	Stainless Steel Type 304	ASTM A240
Studs	Stainless Steel Type 304	ASTM A192
Nuts	Stainless Steel Type 304	ASTM A193
TwinSeal	NBR	ASTM D2000