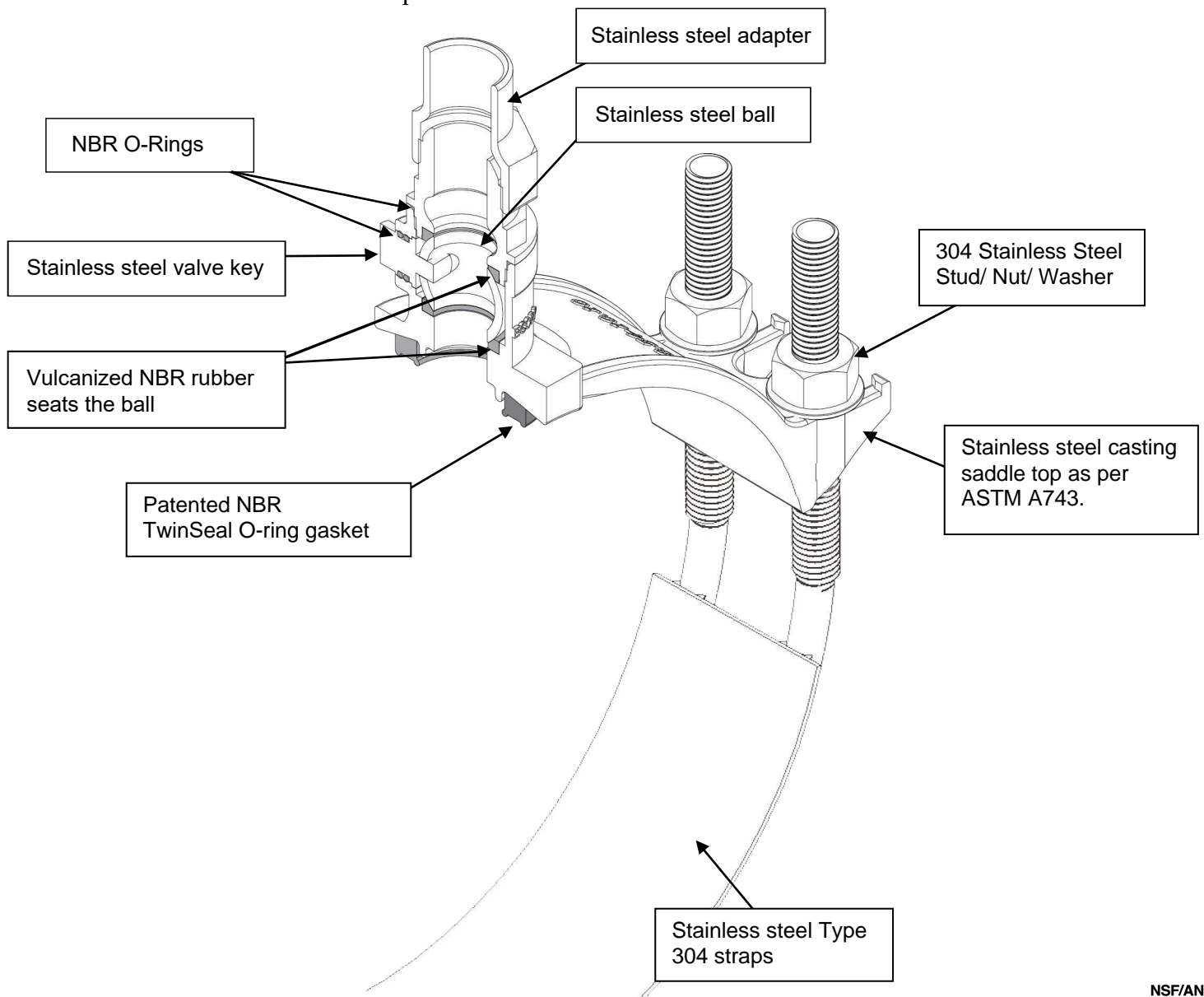


### ***Features and Benefits***

1. Materials do not compromise the integrity of the pipeline.
2. Stud bolts MIG welded to straps, Heavy hex nuts with fusion bonded coating to prevent seizing and galling.
3. SaddleCorp are available for flare, pack, grip attachment fittings for (3/4", 1", 1.5", 2").
4. Gaskets design incorporates both hydrostatic and mechanical forces to produce a dynamic seal.
5. Available in double wide straps or one single wide strap.
6. Certified by IAPMO R&T to NSF/ANSI 61 for materials safety only, and to NSF/ANSI 372 for low lead compliance.



**Scope**

The intent of the specification is to receive a 3” – 12” diameter all cast body stainless steel SaddleCorp. The SaddleCorp furnished shall be equivalent to Model 3450AS as manufactured by PowerSeal Pipeline Products Corporation.

**Design and Material Specification**

The stainless steel SaddleCorp shall meet or exceed all material specifications as listed below:

1. Casting should incorporate both saddle and corp stop in one single piece, and shall be stainless steel as per ASTM A743.
2. The saddle shall have an O-ring gasket permanently attached to the casting at the factory. The TwinSeal O-ring gasket shall be the in NBR. It shall be free from porous areas, foreign material, and visible defects, all made from 100% new rubber. The NBR resists temperatures of -25 to +248°F.
3. O-rings rubber inside the corporation are made in NBR. The NBR resist temperatures of -25 to +248°F.
4. The MIG welded strap shall be stainless steel type 304. 5/8” stainless steel 304 stud bolts shall be welded to the straps and passivated to return the corrosive resistance.
5. Adhesive will be used on adapters to prevent disassembly during installation.
6. There shall be no paper or plastic adhesive labels attached to the saddle, any information appearing on the saddle shall be ink stenciled.
7. SaddleCorp is NSF/ANSI 64 certified where applicable.

**Material Specification**

Part Name	Material	Mat. specs
Saddle Top	Stainless Steel 18-8	ASTM A743
Strap	Stainless Steel Type 304	ASTM A240
Nuts & Washers	Stainless Steel Type 304	ASTM A193
Corp gaskets	NBR	ASTM D2000
O-ring gasket	NBR	ASTM D2000
Parts (ball, adapter, key)	Stainless Steel 18-8	ASTM A743

## Model 3450AS



Pipe Size		letter code	Pipe OD Range		Strap width
in.	mm.		in.	mm.	in.
3	80	B	3.45 - 4.05	88 - 103	1.5" each strap or 3" single wide strap small outlet 4" single wide strap big outlet
4	100	A	4.00 - 4.50	102 - 114	
		B	4.74 - 5.63	120 - 143	
		C	4.74 - 5.14	120 - 131	
6	150	A	6.00 - 6.63	152 - 168	
		B	6.84 - 7.64	174 - 194	
		C	6.63 - 6.90	168 - 175	
8	200	A	8.00 - 8.63	203 - 219	
		B	8.54 - 10.10	216 - 257	
		C	8.63 - 9.05	219 - 229	
10	250	B	10.64 - 12.12	270 - 308	
12	300	B	12.62 - 14.32	321 - 364	