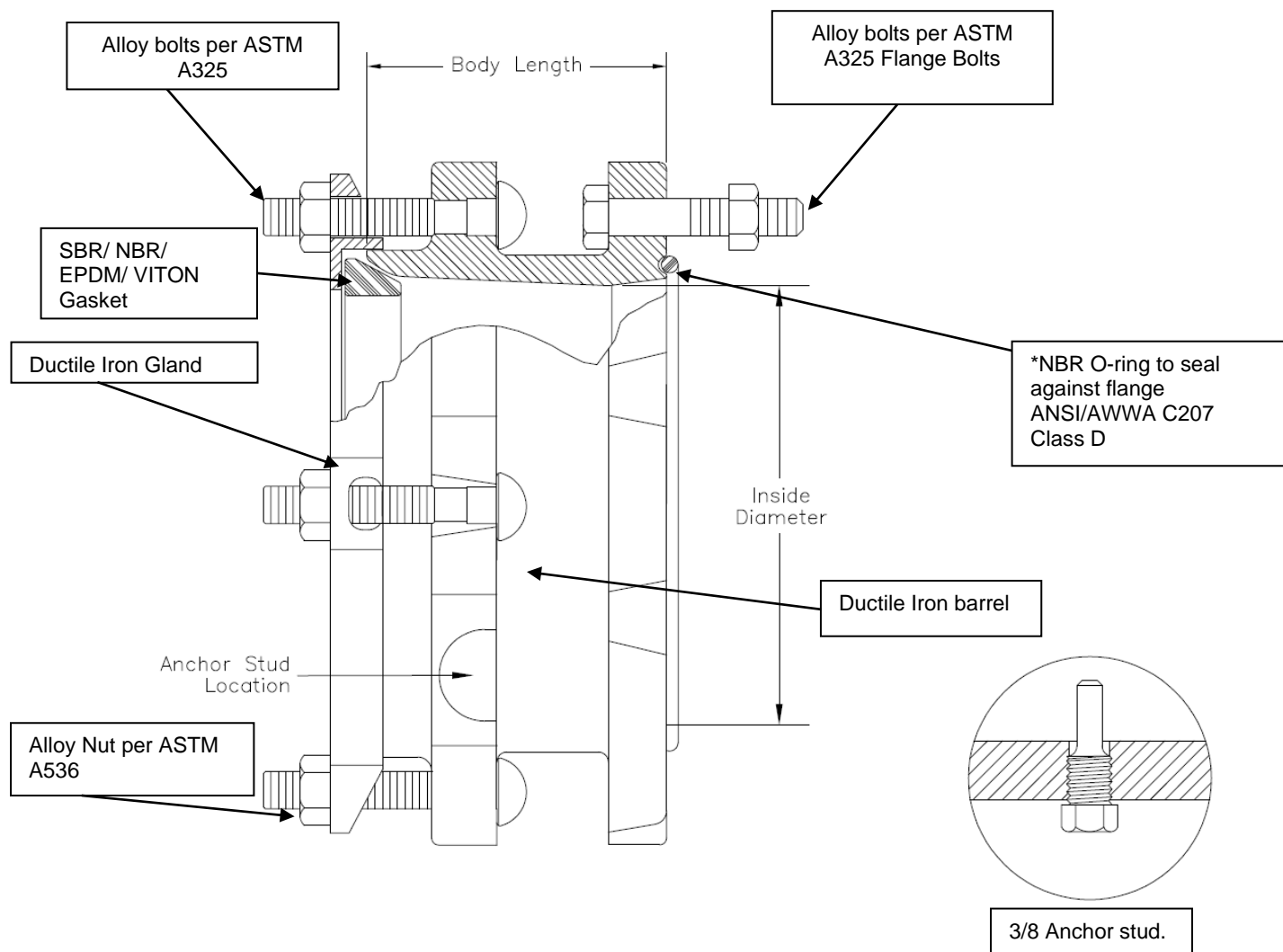


**3521**  
**FLANGE COUPLING ADAPTER WITH ANCHOR PINS**  
*NSF/ANSI-61 certified*



**Scope**

The purpose of this specification is to receive a Flange Coupling Adapter from 4" to 12" nominal diameter. The ductile iron casting fits different OD pipes with just a central barrel, gland and gasket that can be used on different material pipes. The supplied adapter should be equivalent to the 3521 Flange Coupling Adapter model fabricated by Powerseal Pipeline Products Corp and should comply the AWWA C219.



Nominal Size	Bolt Quantities		Pipe OD Range			Body Length (IN.)	Weight (LBS.)
	Flange	Pipe	Blue-A	Black-B	Grey-C		
4	8	4	4.50-4.85	4.80-5.10	5.05-5.40	3.0	24
6	8	5	6.62-6.95	6.90-7.22	7.19-7.45	4.5	34
8	8	6	8.62-9.05	9.05-9.45	9.10-9.79	4.5	47
10	12	7	10.70-11.10	11.10-11.50	11.60-12.12	4.5	68
12	12	8	12.75-13.20	13.20-13.50	13.78-14.38	4.5	91

**Features and Benefits**

1. Tested and certified by WQA/NSF61
2. Complies with AWWA C219 standards.
3. Provides a flexible, secure, & quick means of removing and reinstalling a flanged fitting already in line.
4. Will function on plain end pipe without the need for welding or field fabrications.
5. Just one body per nominal pipe size.
6. Includes SBR coupling gasket made out of 100% new rubber to insure the highest performance in applications with; high pressure, potable water, salt water, acids, and chemical componets. SBR ideal for temperatures from -25° to +200°F.
7. Gaskets are also available in NBR, EPDM or Viton to provide superior sealing in extremely high temperature & specific chemical applications.
8. The gland & barrel body are fusion bonded epoxy coated for A grade corrosion resistance.

**Material design and specifications**

1. The Flange Coupling Adapter shall comply with all listed material specifications most importantly AWWA C219.
1. Coupling gasket shall be molded SBR (Styrene Butadiene Rubber) porous free, and without visible defects. Recyclable material shall not be used. The gasket shall comply with ASTM D2000 to insure that its specifications last while in stock.
2. The NBR (Nitrile Butadiene Rubber) O-ring gasket shall be fitted to the ductile iron body with rubber cement compound. The o-ring shall seat into a cast trapezoidal groove at the end of the body.
3. Bolts and nuts included are stainless steel. Bolts and nuts are available in Stainless Steel type 304/316 and low alloy steel.

Material Specification		
Name	Material	Specification
Flange	Ductile Iron (65-45-12)	ASTM A536
Gaskets	SBR	ASTM D2000
Barrel	Ductile Iron (65-45-12)	ASTM A536
Bolts	Stainless Steel 304	ASTM A193
Nuts	Stainless Steel 304	ASTM A194
Finish	Epoxy Coated	AWWA C210
Anchor Stud	Stainless Steel 304	ASTM A193