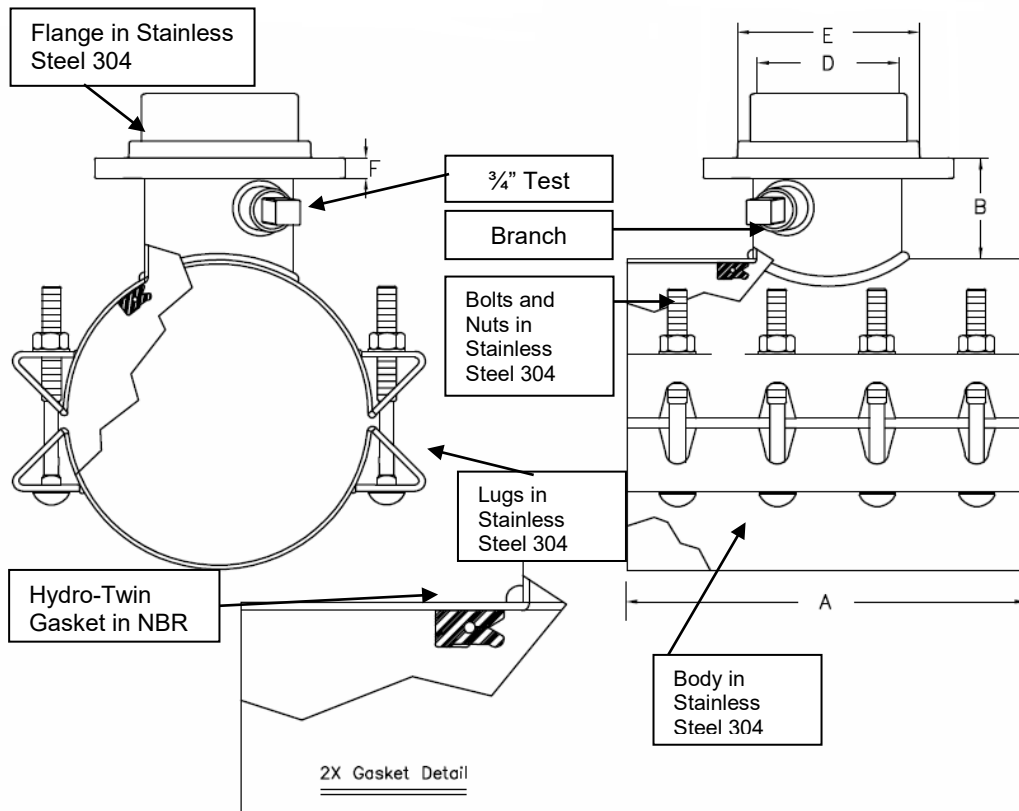


Scope

The intent of this specification is to receive a high pressure rated stainless steel tapping sleeve. The tapping sleeve furnished shall be equivalent to Model 3460AS Tapping Sleeve as manufactured by PowerSeal Pipeline Products Corporation.



Branch Size	A (in)	B (in)	D (in)	E (in)	Bolt Qty	Working Pressure (PSI)	Test Pressure (PSI)
2	12	4	2.15	3.02	8	250	312
3	12	4	3.38	4.02	8	250	312
4	16	5	4.38	5.02	10	250	312
6	16	6	6.38	7.02	10	250	312
8	20	6	8.38	9.02	12	250	312
10	24	6	10.38	11.02	16	200	300
12	30	6	12.38	13.02	20	200	300
14	32	7	14.38	15.02	20	150	225
16	36	8	16.38	17.30	24	150	225

For all pipe 30 inch and up the working pressure is 100PSI regardless of branch size.

Features and Benefits

1. The complete Tapping Sleeve is constructed of 304 Stainless Steel and shall be fully passivated to return the welded stainless steel to its original corrosion resistance state.
 The Tapping Sleeve shall be factory hydrostatically tested on pipe to verify proper fit and weld integrity. The duration of the test shall be a minimum of three (3) minutes with zero leakage allowed. **The Tapping Sleeve shall be rated for a maximum working pressure of 250 psi and 312 psi testing pressure for outlet sizes 4” to 8”.** For outlet sizes 10” and 12” a maximum working pressure 200 psi and 300 psi testing pressure. For pipe sizes larger than 30” a maximum working pressure up to 100 psi and 150 psi testing pressure.
2. Built in range allows reduction of inventory.
3. Drop in track head bolts with Stainless Steel nuts allow assembly in either direction.
4. The branch shall be a minimum of 3/8” larger diameter than nominal to allow the use of a full size cutter.

Design and Material Specification

1. The tapping sleeve shall meet or exceed all material specifications as listed below.
2. The sleeve meets all AWWA C223 requirements.
3. The tapping sleeve shall have an MJ gasket, branch sealing gasket all permanently attached to the sleeve at the factory.
4. The branch sealing gasket shall be our patented Hydro-Twin design in NBR (-25F° - +248F°). The flange face gasket shall be SBR (-25F° - +200F°)
5. Branch to flange and branch to shell connections are double welded. Outer structural weld GMAW (mig) and inner fusion weld GTAW (tig).
6. Lugs shall be structurally welded GMAW (mig) to the shell and the test outlet shall be fusion welded GTAW (tig) to the branch.
7. There shall be no paper or plastic adhesive labels attached to the tapping sleeve, any information appearing on the sleeve shall be stenciled.

Material Specifications		
Part Name	Material	Mat. specs
Flange Outlet	Stainless Steel type 304	AWWA C115
Face Gasket	SBR	AWWA C115AP
Branch	Stainless Steel type 304	ASTM A240
Test Plug	Stainless Steel type 304	ANSI B2.1
Shell	Stainless Steel type 304	ASTM A240
Lugs	Stainless Steel type 304	ASTM A240
Hydro-twin	NBR	ASTM D2000
Bolt	Stainless Steel type 304	ASTM A194
Nuts	Stainless Steel type 304	ASTM A193

