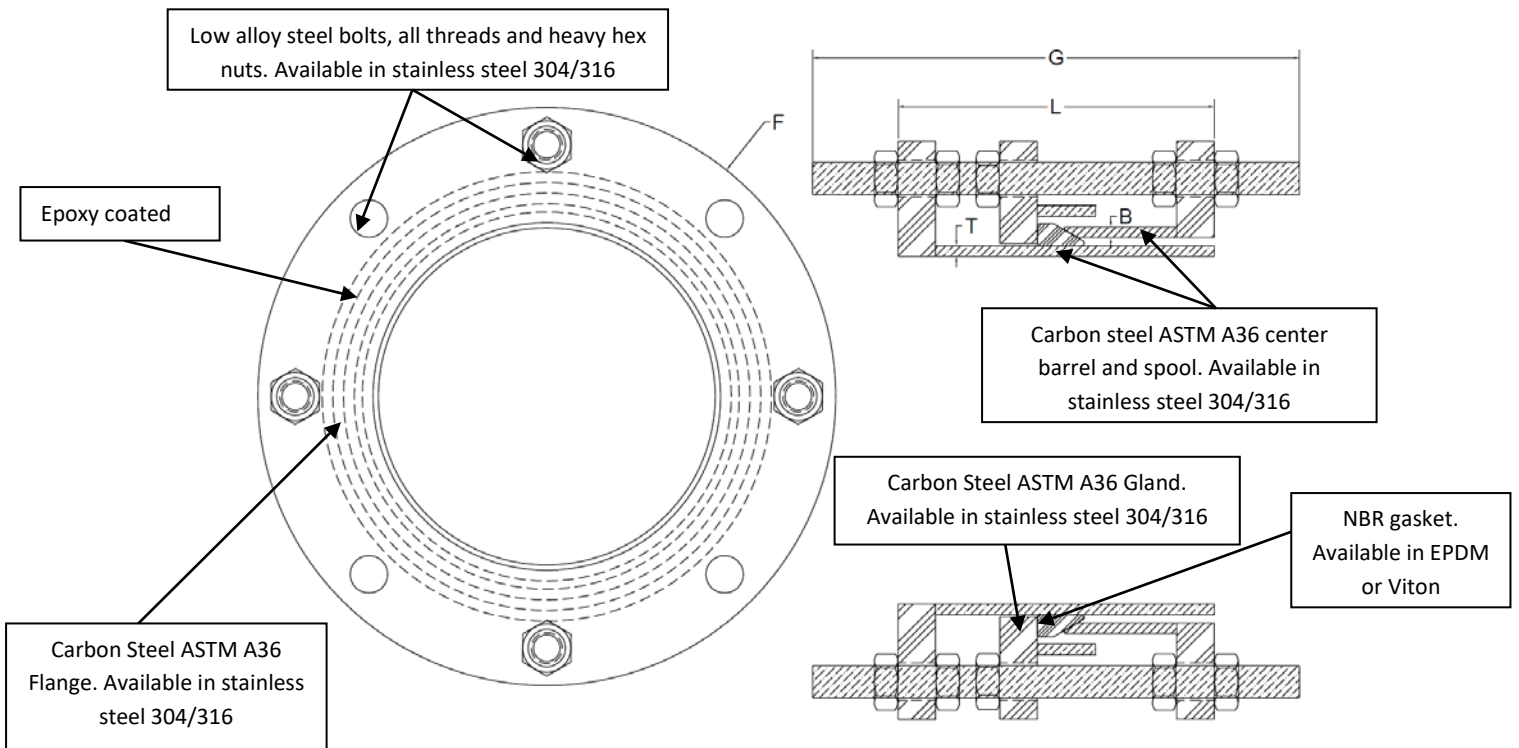


Features and Benefits

1. The dismantling joint shall meet or exceed all material specifications as listed below and AWWA C219.
2. 150 PSI working pressure. This pressure will vary according to the design and the size.
3. Epoxy coating inside an outside of the dismantling joint to prevent corrosion.
4. The dismantling joint makes it easy to install a flanged product in a new or existing setting.
5. Allows some deflection for misaligned assemblies.
6. It does not require special tooling and it is available for a wide variety of types and sizes.
7. Joints are restrained when tie rods are used to secure the flange fittings, making other joint restraint unnecessary.
8. This product can be used with flange fittings like butterfly valves and pumps.



NOMINAL SIZE	DIMENSIONS				TIE RODS			BARREL	SPOOL
	FLANGE OD -F	FLANGE THICKNESS	LENGTH-L		SIZE	LENGTH -G	QTY	THICKNESS -B	THICKNESS -T
			MIN	MAX					
4	9	0.625	7	9	5/8	13.5	2	0.25	0.25
6	11	0.688	7.38	9.38	3/4	15	2	0.25	0.25
8	13.5	0.688	7.38	9.38	3/4	15	2	0.25	0.25
10	16	0.688	9.5	11.5	7/8	17.75	4	0.25	0.25
12	19	0.812	9.5	11.5	7/8	17.75	4	0.375	0.25
14	21	0.938	12	15	1	22	4	0.375	0.25
16	23.5	1	12	15	1	22	4	0.375	0.25
18	25	1.062	12.25	15.25	1 1/8	23.25	4	0.375	0.25
20	27.5	1.125	12.25	15.25	1 1/8	23.25	4	0.375	0.25
24	32	1.25	12.75	15.75	1 1/4	25.5	4	0.375	0.25
30	38.75	1.38	13.25	16.25	1 1/4	25.5	4	0.375	0.25
36	46	1.625	13.25	16.25	1 1/2	25.5	4	0.375	0.25

Scope

The intent of the specification is to receive dismantling Joints fabricated in carbon steel ASTM A36 (available in stainless steel 304/316) from 4” (80mm) up to 36” (915 mm) of nominal pipe size. The dismantling joint furnished shall be equivalent to the model 3563 as manufactured by Powerseal Pipeline Products Corporation and it will meet or exceed AWWA C219.

Design and Material Specification

1. The dismantling joint shall be fabricated in carbon steel per ASTM A36 or any other steel having a minimum yield of 30,000 psi.
2. Dismantling Joints shall provide adjustability to equipment installations by combining a Flanged Coupling Adapter and Flanged Spigot into one assembly. Longitudinal adjustment shall be accomplished by the telescoping action of the Spigot inside the Flanged Coupling Adapter.
3. The flanges shall be AWWA C207 Class D 150 lb. according to ANSI B16.5
4. The follower gland shall be fabricated in carbon steel per ASTM A36 or any other steel having a minimum yield of 30,000 psi
5. The NBR per ASTM D2000 gasket is produced from 100% new rubber to ensure excellent performance under varying pressures. Suitable for water, oil acids, alkalies, most (aliphatic) hydrocarbon fluids and many other chemicals, with a temperature range of -25 to +248°F. Other materials as EPDM or Viton are available
6. Bolts, nuts and all threads shall be in low alloy steel per AWWA C111 – ANSI A21.11. Stainless steel 304 or 316 are available.
7. The bolts for the flange coupling adapter shall be round head oval neck as same as the holes for the gland to facilitate the adjustment of the nut with one tool.



8. The flanges must allow bolts according to the standard ANSI B16.1 and the all threads must have the same diameter to go through the dismantling joint.
9. The dismantling joint must allow a minimum displacement of 2” (50mm).
10. The dismantling joint shall be epoxy coated to prevent rust and corrosion.

Material Specifications		
Part Name	Material	Mat. specs
Gland	Carbon Steel/ Stainless Steel 304-316	ASTM A36 / ASTM A240
Gasket	NBR /EPDM or Viton	ASTM D2000
Flange	Carbon Steel	AWWA C115
Body	Carbon Steel/ Stainless Steel 304-316	ASTM A36 / ASTM A240
Bolts	Low Alloy Steel / Stainless Steel 304/316	ASTM A325/ ASTM A193
Nuts	Low Alloy Steel / Stainless Steel 304/316	ASTM A325/ ASTM 194
Coating	Epoxy Coated	AWWA C210