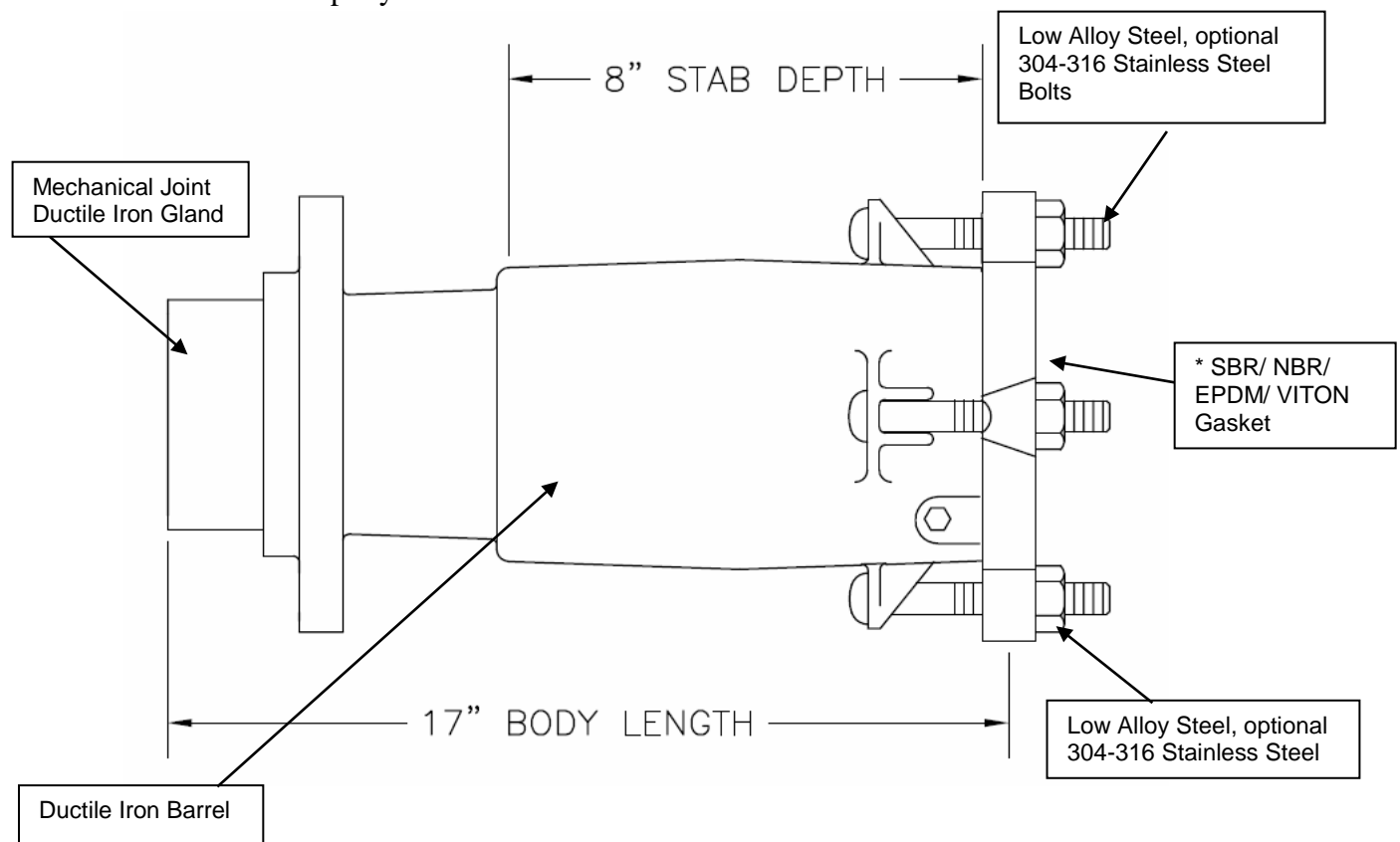


Features and Benefits

1. Used for cutting-in Mechanical Joint Bell end fittings or Mechanical Joint Valves, and when used in conjunction with the PowerSeal Model 3531 Insta-flange adapter , can be used to cut-in ANSI 125# flanged fittings and valves.
2. Provides a flexible and secure attachment incorporating the gland and gasket to a smooth end of any type of pipe without welding.
3. Long barrel provides a flexible installation.
4. SBR gasket made out of 100% new rubber to insure a proper performance under high pressure, potable water, salt water, acids, and chemical componets. SBR ideal for temperatures from -25° to +200°F. Also available in EPDM or Viton.
5. Fusion bonded epoxy coated.





Scope

The purpose of this specification is to receive Cutting-in Sleeve in sizes 4” to 16” which allows the connection to various pipe OD’s via the use of interchangeable end glands and gaskets on the pipe coupling end. The supplied adapter should be equivalent to the Model 3520 Cutting-in Sleeve by Powerseal Pipeline Products Corp and should comply the AWWA C219.

Material design and specifications

1. The Cutting-in Sleeve should comply all of the material specifications listed below as well as AWWA C219.
2. The body and end gland shall be ductile iron and meet ASTM A536
3. Gasket should be molded rubber and vulcanized SBR (Styrene Butadiene Rubber) free from porous areas, foreign materials and visible defects. Reclaimed or recycled material should not be used. The gasket should comply with ASTM D2000 to insure that its specifications last while in stock. Also available in NBR, EPDM or Viton.
4. Bolts and nuts low alloy steel. Also available in stainless steel type 304 and 316.

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	Low Alloy Steel	ASTM A325
Nuts	Low Alloy Steel	ASTM A563
Cover	Epoxy Coated	AWWA C210

General dimension chart

Nominal Size	Bolt Quantities		Pipe OD Range			Weight (LBS.)	Length (IN.)
	Flange	Pipe	Blue-A	Black-B	Grey-C		
4	4	4	4.50-4.85	4.80-5.10	5.05-5.40	41	17
6	6	5	6.62-6.95	6.90-7.22	7.19-7.45	63	17
8	6	6	8.62-9.05	9.05-9.45	9.10-9.79	83	17
10	8	7	10.70-11.10	11.10-11.50	11.60-12.12	117	17
12	8	8	12.75-13.20	13.20-13.50	13.78-14.38	142	17
16	8	10	17.15-17.40	17.40-17.80	18.46-19.00	221	17

