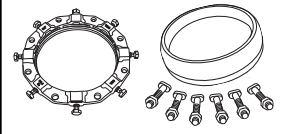


SUBMITTAL INFORMATION

Mechanical Joint Retainer (UFR1500-ZA-x-U style)



3" - 12" SERIES UFR1500 MECHANICAL JOINT RESTRAINT FOR C900, C909, IPS PVC, DR-35^Δ PIPE OR HDPE - WITH SO-EZ GASKET AND ACCESSORIES

Ductile iron actuating screw, with the Auto-Tork break-away head design, ensures proper torque during installation

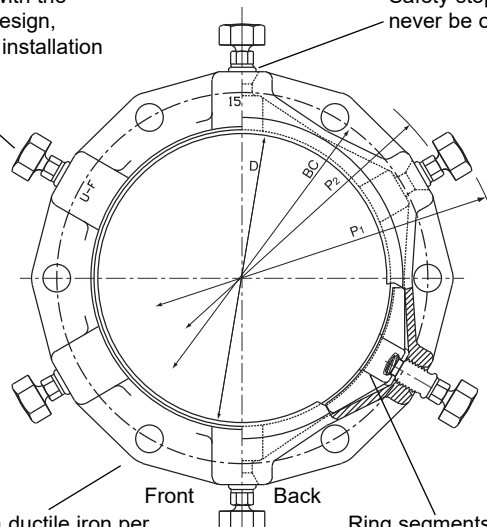
Safety stop ensures ring segments can never be over-tightened

SO-EZ[™] gasket - sizes 3"-12" (ANSI/NSF Standard 61 approved)

Auto-Tork Bolt

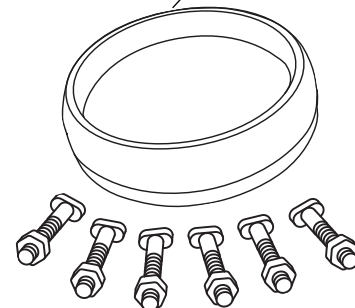
Restraint Segment

Bolt Hole Cross Section



Gland body is of high strength ductile iron per ASTM A536, grade 65-45-12. Compatible with all mechanical joints conforming to ANSI / AWWA C111 / A21.11

Ring segments are ductile iron per ASTM A536 and heat treated to a hardness of 370 BHN minimum



High strength, low alloy t-bolts & nuts (AWWA C111)

NOM. PIPE SIZE	O.D.	CATALOG NUMBER	NO. OF RESTRAINT SEGMENTS	APPROX. WEIGHT (LBS.)	P1*	P2**		BC	D	PRESSURE RATING						✓ SUBMITTED ITEM(S)
						C900 C909	IPS			C900		C909	ASTM D2241		D3040 Δ	
										DR-18	DR-14	PC-235	SDR-26	SDR-21	DR-35	
3"	3.50	UFR1500-ZA-3-U	2	11	11.50	-	9.00"	6.19"	4.06"	-	-	-	160 PSI	200 PSI	50 PSI	
4"	4.22"-4.80"	UFR1500-ZA-4-U	4	14	13.00"	9.40"	9.25"	7.50"	4.90"	235 PSI	305 PSI	-	160 PSI	200 PSI	50 PSI	
6"	6.28"-6.90"	UFR1500-ZA-6-U	6	20	15.13"	11.60"	11.65"	9.50"	7.00"	235 PSI	305 PSI	235 PSI	160 PSI	200 PSI	50 PSI	
8"	8.40"-9.05"	UFR1500-ZA-8-U	6	25	17.25"	13.75"	13.60"	11.75"	9.15"	235 PSI	305 PSI	235 PSI	160 PSI	200 PSI	50 PSI	
10"	10.50"-11.10"	UFR1500-ZA-10-U	8	33	19.38"	16.00"	15.85"	14.00"	11.20"	235 PSI	305 PSI	235 PSI	160 PSI	200 PSI	50 PSI	
12"	12.50"-13.20"	UFR1500-ZA-12-U	8	38	21.50"	18.05"	17.85"	16.25"	13.30"	235 PSI	305 PSI	235 PSI	160 PSI	200 PSI	50 PSI	

* Maximum O.D. of gland on pipe before Auto-Tork heads are removed (as shipped).

** Maximum O.D. of gland on pipe after Auto-Tork heads are removed.

Δ Sewer applications require SO-EZ Buna-N gaskets. Add "-N" to the catalog number. Example: UFR1500-ZA-3-N-U

Note: Ford recommends the use of a properly sized insert stiffener when using UFR1500 on HDPE

FEATURES

- Can be used with any thickness class of AWWA C900, C909, ASTM D2241 IPS PVC, DR-35 sewer pipe^Δ or HDPE
- Full circle contact and support of the pipe wall
- "Auto-Tork" actuating screws with heads specially designed to twist off at the correct installation torque, leaving a hex head in case future system maintenance or removal is required
- Restraining segments are mechanically retained in pockets
- Series 1500 eliminates the need to pour expensive and time consuming concrete thrust blocks
- UL/FM approved, 4"-12" nominal size C900 PVC, for use on listed and approved PVC pipe
- Shrink-wrapped in a weather-resistant carton
- Gland, screws and segments are black epoxy coated using the e-coat process
- Gland colored red for identification purposes

The Ford Meter Box Company considers the information in this submittal form to be correct at the time of publication. Item and option availability, including specifications, are subject to change without notice. Please verify that your product information is current.



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Submitted By: