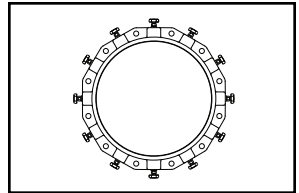


# SUBMITTAL INFORMATION

## Mechanical Joint Retainer (*UFR1500-CA-xx-U style*)

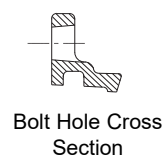
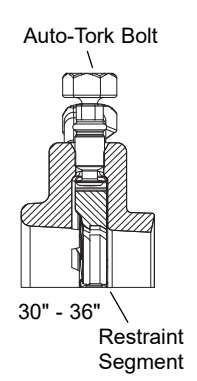
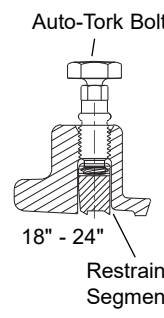
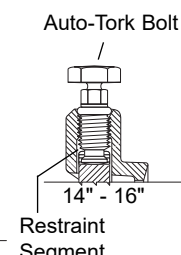
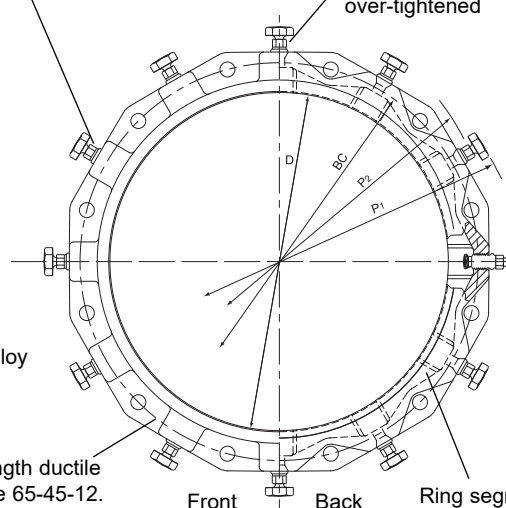
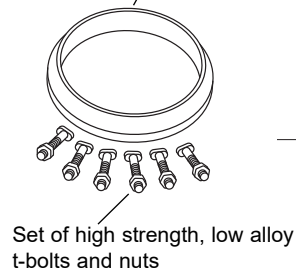


### 14" - 36" SERIES UFR1500-C MECHANICAL JOINT RESTRAINT FOR C905 PVC PIPE OR HDPE WITH ACCESSORIES

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

Mechanical joint gasket



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

NOM. PIPE SIZE	O.D.	CATALOG NUMBER AWWA C-905 PVC PIPE	NO. OF RESTRAINT SEGMENTS	APPROX. WEIGHT (LBS.)	P1*	P2**	BC	D	PRESSURE RATING		✓SUBMITTED ITEM(S)
									C905 DR18	C905 DR25	
14"	15.30	UFR1500-CA-14-U	10	56.1	23.62	22.72	18.75	15.44	235 PSI	165 PSI	
16"	17.40	UFR1500-CA-16-U	12	71.4	26.18	25.28	21.0	17.54	235 PSI	165 PSI	
18"	19.50	UFR1500-CA-18-U	12	89.2	28.28	27.38	23.25	19.64	235 PSI	165 PSI	
20"	21.60	UFR1500-CA-20-U	14	102.8	30.38	29.48	25.5	21.74	235 PSI	165 PSI	
24"	25.80	UFR1500-CA-24-U	16	140.6	34.58	33.68	30.0	25.94	235 PSI	165 PSI	
30"	32.00	UFR1500-CA-30-U	20	179.0	40.79	38.06	36.88	32.30	235 PSI	165 PSI	
36"	38.30	UFR1500-CA-36-U	24	237.7	46.84	44.40	43.75	38.62	235 PSI	165 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

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

### FEATURES

- Full circle contact and support of the pipe wall. The Series 1500 can be used on any thickness class of AWWA 9C905 PVC pipe and HDPE without any point loading
- "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
- Set of high strength, low alloy t-bolts and nuts (AWWA C111)
- Mechanical joint gasket (AWWA C111) 14"-24" sizes, Uni-Seal gasket 30" and 36" sizes
- Series 1500 eliminates the need to pour expensive and time consuming concrete thrust blocks
- Restraining segments are mechanically retained in pockets
- Gland, screws and segments are protected with black Armorguard e-coat
- 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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08/17/17

Submitted By: