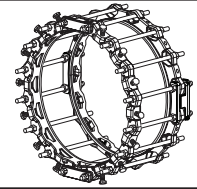


# SUBMITTAL INFORMATION

## Uni-Flange Split Retainer (UFR1490-D-xx-RB-I style)

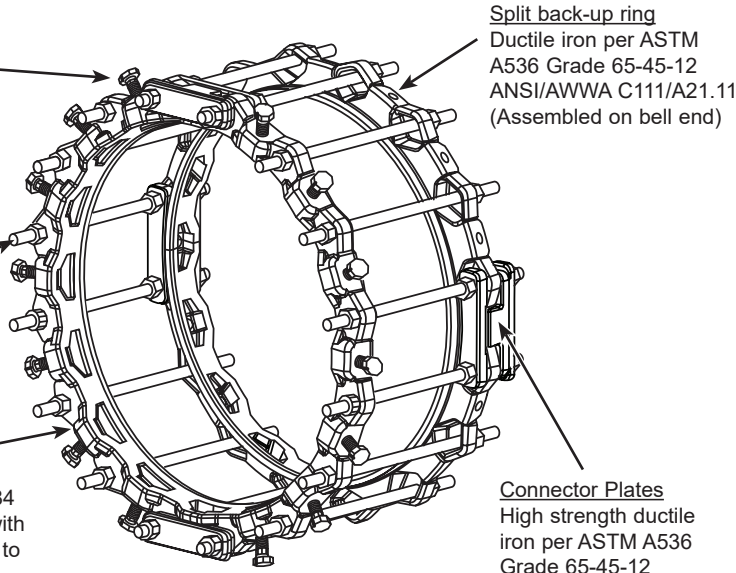


**WEDGE ACTION SERIES 1490-D SPLIT RESTRAINT WITH SPLIT BACK UP RING ASSEMBLY FOR DUCTILE IRON PIPE BELL JOINT WITH BLUE FLUOROCARBON COATED HARDWARE**

Auto-Tork Actuating Screw  
Ductile iron per ASTM  
A536 Grade 65-45-12

Tie Rod & Heavy Hex Nut  
High strength, low alloy  
steel per ASTM A242  
ANSI/AWWA C111/A21.11  
(blue-fluorocarbon-coated)

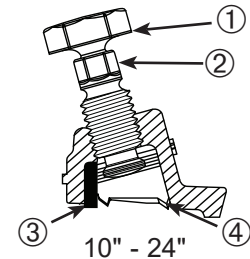
Split Gland  
Ductile iron per ASTM A536-84  
Grade 65-45-12 compatible with  
mechanical joints conforming to  
ANSI/AWWA C111/A21.11



Split back-up ring  
Ductile iron per ASTM  
A536 Grade 65-45-12  
ANSI/AWWA C111/A21.11  
(Assembled on bell end)

Connector Plates  
High strength ductile  
iron per ASTM A536  
Grade 65-45-12

### WEDGE / ACTUATING SCREW DETAIL



Wedges  
Ductile iron wedges are heat-treated  
to a hardness of 370 BHN minimum

1. Auto-tork breakaway head,  
1-1/4 across the flat (same as  
3/4" heavy hex nut)
2. 5/8" hex-head, operating  
screw
3. Rubber spacer (positions  
wedge during assembly)
4. Wedge

NOM. PIPE SIZE	PIPE O.D. (IN.)	RODS			PRESSURE RATING (PSI)	*MAX. BELL DIA. (IN.)	APPROX. WT. LBS.	CATALOG NUMBER	✓ SUBMITTED ITEM(S)
		No.	LENGTH	DIA.					
10"	11.10	8	24"	3/4"	350	13.12	56.0	UFR1490-D-10-RB-I	
12"	13.20	8	24"	3/4"	350	16.38	62.0	UFR1490-D-12-RB-I	
14"	15.30	10	24"	3/4"	300	17.88	117.4	UFR1490-D-14-RB-I	
16"	17.40	12	24"	3/4"	300	20.12	135.0	UFR1490-D-16-RB-I	
18"	19.50	12	24"	3/4"	200	22.38	151.6	UFR1490-D-18-RB-I	
20"	21.60	14	24"	3/4"	200	24.62	169.6	UFR1490-D-20-RB-I	
24"	25.80	16	24"	3/4"	200	29.12	187.8	UFR1490-D-24-RB-I	
30"	32.00	20	24"	1"	200	35.80	480.7	UFR1490-D-30-RB-I	
36"	38.30	24	24"	1"	200	42.60	602.8	UFR1490-D-36-RB-I	

\* Connecting rods WILL NOT CLEAR a pipe bell with a maximum diameter larger than the listed measurement.

### FEATURES

- Split gland - Ductile iron per ASTM A536, grade 65-45-12
- Wedge actuating screw - Ductile iron per ASTM A536, grade 65-45-12
- Split back-up ring - Ductile iron per ASTM A536, grade 65-45-12
- Wedge - Ductile iron per ASTM A536 heat treated to hardness of 370 BHN minimum
- Restraining Rods - High strength low alloy steel per ASTM A242, blue fluorocarbon-coated
- Coating - Black e-coat epoxy
- New or existing installations
- 2:1 safety factor at rated working pressure; 10"-12" - 350 PSI RWP, 14"-16" - 300 PSI RWP, 18"-36" - 200 PSI RWP

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. Our standard warranty applies.



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Submitted By: