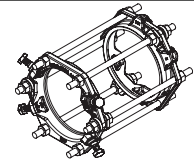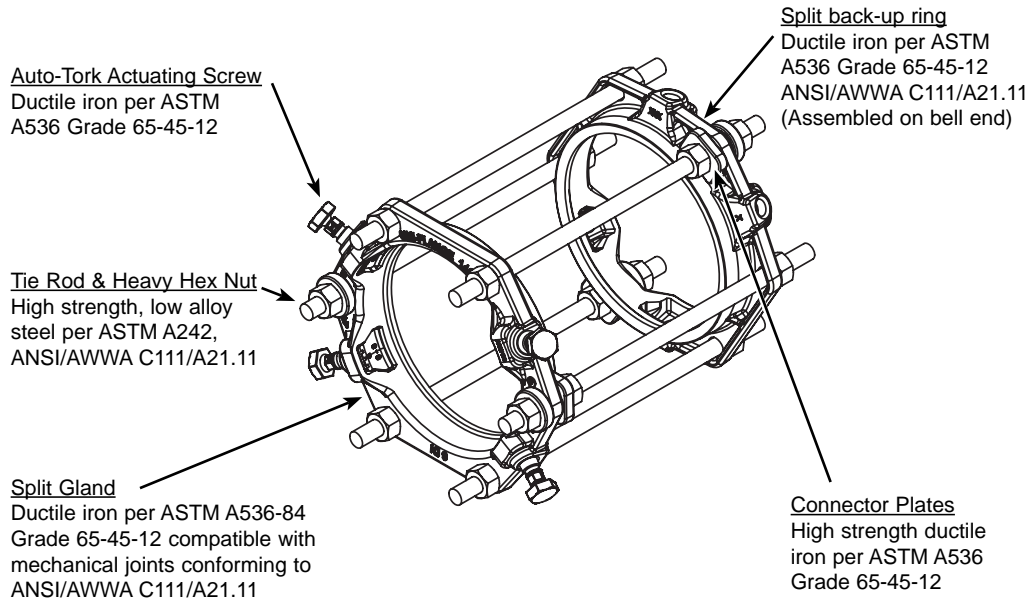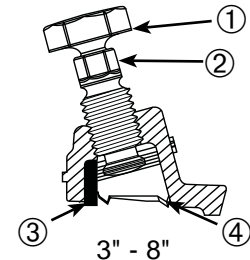# SUBMITTAL INFORMATION

Uni-Flange Split Retainer (*UFR1490-D-x-I style*)

WEDGE ACTION SERIES 1490-D SPLIT RESTRAINT WITH SPLIT BACK UP RING ASSEMBLY FOR DUCTILE IRON PIPE BELL JOINT

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

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

3" - 8"

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.	Rods			Pressure Rating (PSI)	*Max. Bell Dia.	Approx. Wt. Lbs.	Catalog Number	✓ Submitted Item(s)
		No.	Length	Dia.					
3"	3.96	4	14"	5/8"	350	5.50	12	UFR1490-D-3-I	
4"	4.80	4	17"	3/4"	350	6.62	20	UFR1490-D-4-I	
6"	6.90	6	17"	3/4"	350	8.62	29	UFR1490-D-6-I	
8"	9.05	6	17"	3/4"	350	10.88	35	UFR1490-D-8-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 and nuts: High strength low alloy steel per ASTM A242
  (Optional blue fluorocarbon or stainless steel)
- Coating: Black e-coat epoxy
- New or existing installations
- 2:1 safety factor at rated working pressure; 3"-8" - 350 PSI RWP
- Imported ductile iron castings
- Assembled, inspected and packaged in the USA

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.

Submitted By: