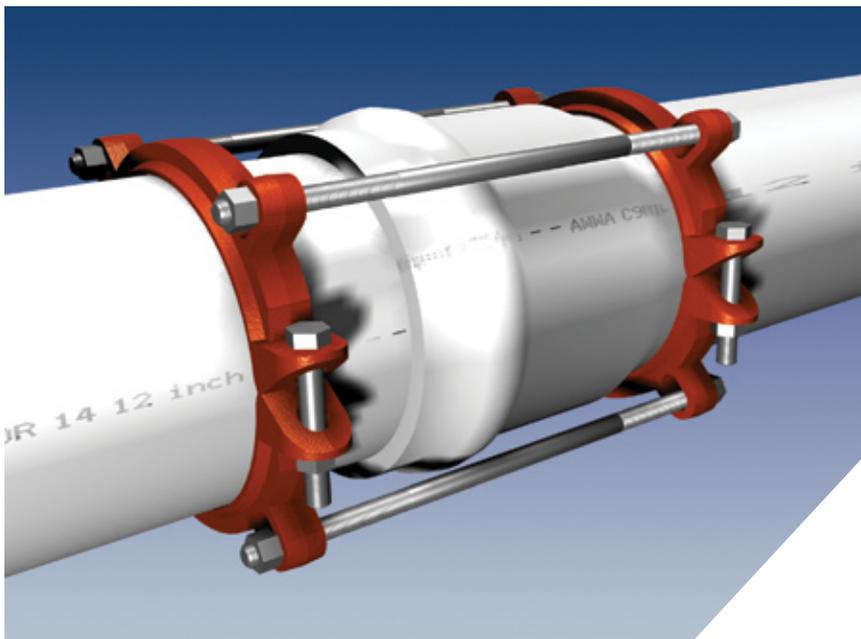


Series 1500

Bell Restraint Harness for C900 PVC Pipe



Series 1512 on 12 inch PVC Pipe.

Features and Applications:

- For use on AWWA C900 PVC pipe bells
- Minimum 2 to 1 Safety Factor
- **MEGA-BOND®** Restraint Coating System
For more information regarding MEGA-BOND refer to www.ebaa.com
- Split design for ease of installation
- Constructed of ASTM A536 ductile iron
- Available in accessory packages
- For use on water or wastewater pipelines subject to hydrostatic pressure and tested in accordance with either AWWA C600 or ASTM D2774

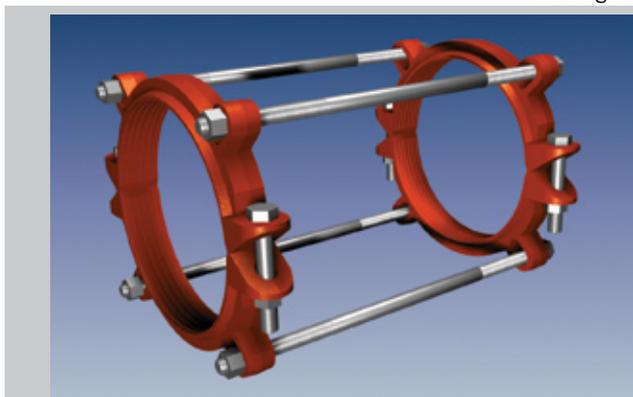
| Nominal Pipe Size | Series Number | Approximate Shipping Weight | Pressure Ratings (C900) | | |
|-------------------|---------------|-----------------------------|-------------------------|-----------------|-----------------|
| | | | DR 14 Class 200 | DR 18 Class 150 | DR 25 Class 100 |
| 4 | 1504 | 15.0 | 200 | 150 | 100 |
| 6 | 1506 | 22.0 | 200 | 150 | 100 |
| 8 | 1508 | 28.0 | 200 | 150 | 100 |
| 10 | 1510 | 51.8 | 200 | 150 | 100 |
| 12 | 1512 | 56.2 | 200 | 150 | 100 |

NOTE: For applications or pressures other than those shown, please contact EBAA for assistance.

Sample Specification

Restraint for PVC pipe bell (AWWA C900) shall consist of the following: The restraint shall be manufactured of ductile iron conforming to ASTM A536. The restraint devices shall be coated with MEGA-BOND. (For complete specifications on MEGA-BOND visit www.ebaa.com.) A split serrated ring shall be used behind the pipe bell. A split serrated ring shall also be used to grip the pipe, and a sufficient number of bolts shall be used to connect the bell ring and the gripping ring. The combination shall have a pressure rating as shown in the adjacent table. The restraint shall be the Series 1500, as manufactured by EBAA Iron, Inc., or approved equal.

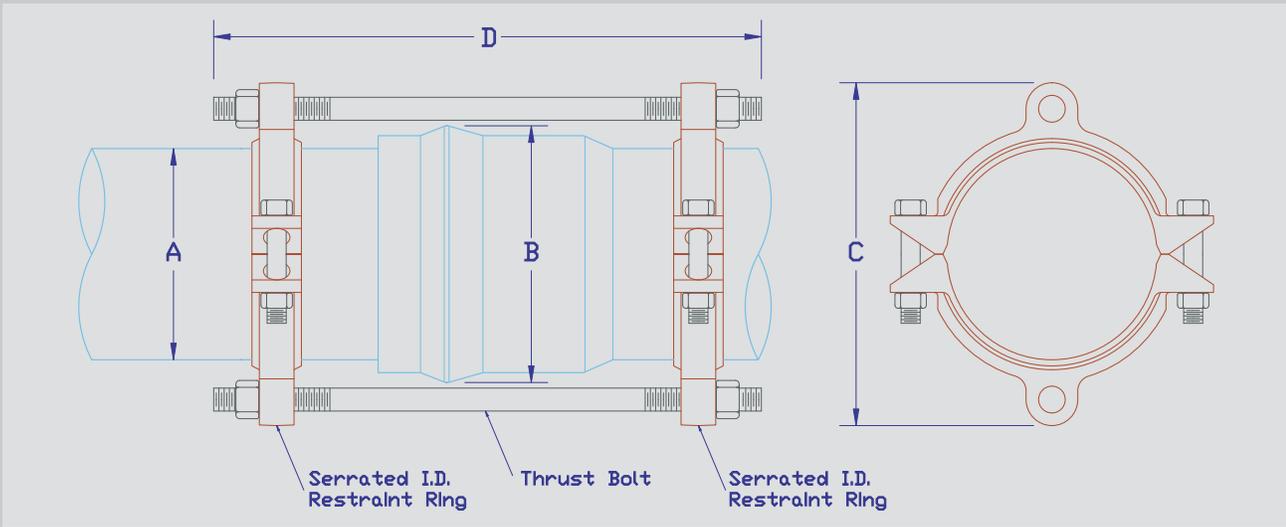
Packaged Items.



Series 1500 Submittal Reference Drawing

EBAA IRON

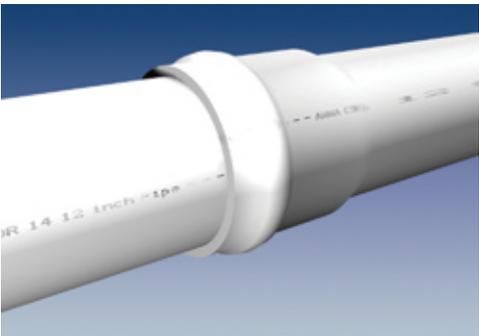
MADE IN USA



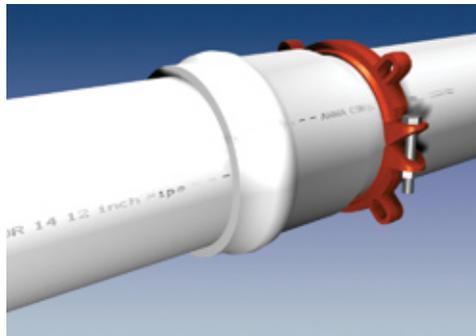
| Nominal Pipe Size | Series Number | A Pipe O.D. | B Maximum Bell O.D. Cleared | C Max. Restraint O.D. (Casing Clearance) | D Overall Length | Thrust Bolt (Number-Size) |
|-------------------|---------------|----------------|--------------------------------|---|---------------------|---------------------------|
| 4 | 1504 | 4.80 | 6.75 | 9.25 | 13 | 2 - 3/4 x 13 |
| 6 | 1506 | 6.90 | 8.75 | 11.25 | 18 | 2 - 3/4 x 18 |
| 8 | 1508 | 9.05 | 12.25 | 14.75 | 18 | 2 - 3/4 x 18 |
| 10 | 1510 | 11.10 | 14.20 | 16.85 | 22 | 4 - 3/4 x 22 |
| 12 | 1512 | 13.20 | 16.90 | 19.45 | 22 | 4 - 3/4 x 22 |

Installation Instructions

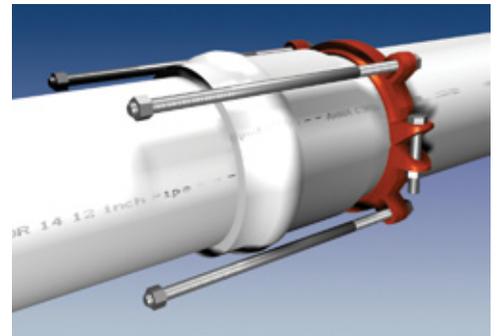
NOTE: Dimensions are in inches and are subject to change without notice.



1. The Series 1500 is designed for restraining push-on PVC pipe bells. It has a split, serrated restraint ring on the spigot and a split serrated ring behind the bell.
2. Assemble the push-on joint per the pipe manufacturer's instructions.



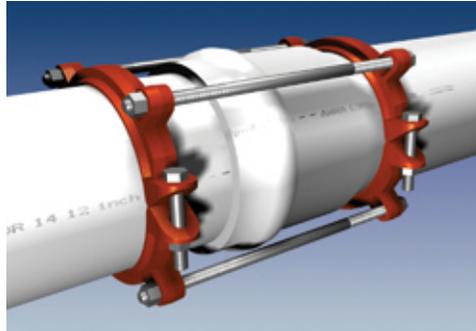
3. Install both halves of the serrated ring around the pipe behind the bell, tapping each half into place. Make sure that the complete ID of the ring is touching the pipe before installing the side bolts. Install the side bolts and tighten evenly to 110 ft-lbs. of torque. (60 ft-lbs on 4 inch and 6 inch)



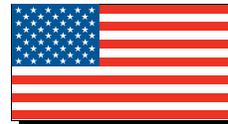
4. Remove the side bolts from the second serrated restraint ring. Use the Thrust Bolts to determine the proper location of the restraint ring on the spigot. Allow enough room on the thrust bolt to fully engage the nuts.



5. Install both halves of the restraint ring at the proper location, tapping each half into place. Make sure that the complete ID of the ring is touching the pipe before installing the side bolts. Tighten the side bolts evenly to 110 ft-lbs. (60 ft-lbs on 4" and 6")



6. Place nuts on the thrust bolts and tighten until they are snug. Allow enough room on the thrust bolts to fully engage the nuts. Do not tighten these bolts enough to force the spigot further into the bell of the joint.



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