



Your Connection to the Future

SERIES 6500

Pipe Bell Restraint Harness
for IPS O.D. (Class)
PVC Pipe

U.S. Patent No. 4568112

Features and Application:

- For use on IPS O.D. (Class)
ASTM D2241 PVC
Pipe Systems.
- Minimum 2 to 1 Safety Factor.
- Split design for ease of installation.
- Constructed of ASTM A536,
65-45-12 Ductile Iron.
- For use on water or wastewater
pipelines subject to hydrostatic
pressure and tested in accordance
with either AWWA C600 or
ASTM D2774.

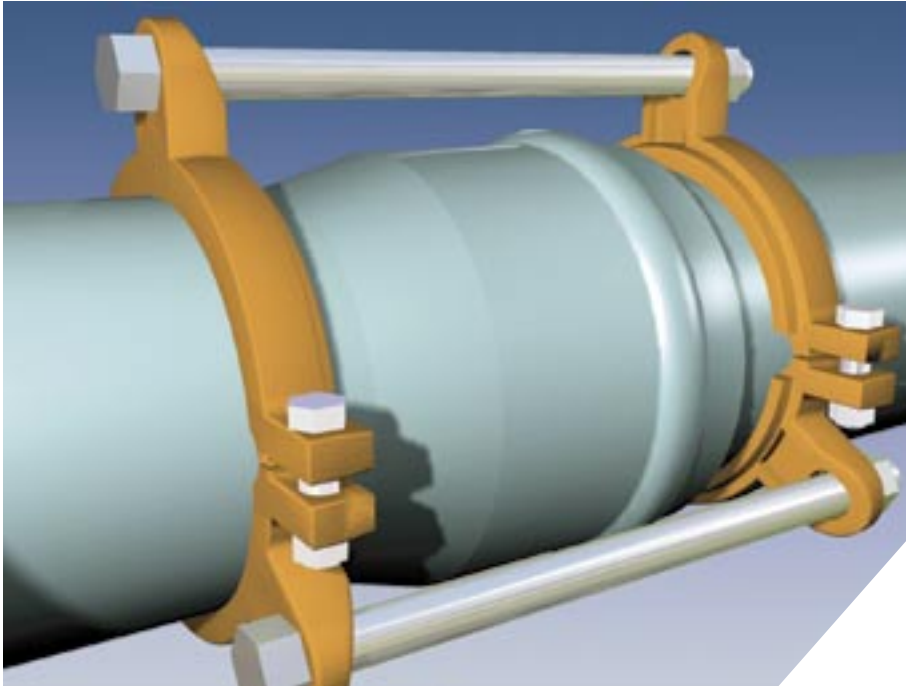


Image depicts Series 6508 on 8" PVC



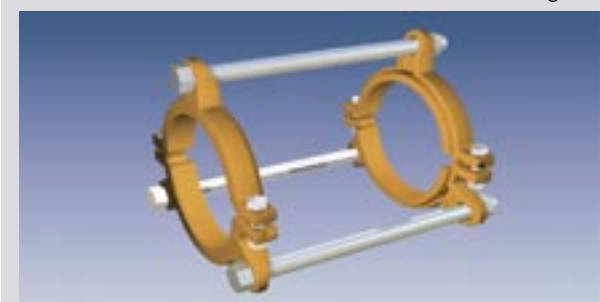
Image depicts Impression of Restraint on PVC pipe.

Nominal Pipe Size	Series Number	Approximate Shipping Weight	Pressure Ratings (C900)		
			SDR 17	SDR 21	SDR 26
2	6502	5.40	250	200	160
2½	650250	5.80	250	200	160
3	6503	6.20	250	200	160
4	6504	27.40	250	200	160
6	6506	29.04	250	200	160
8	6508	43.29	250	200	160
10	6510	70.00	200	200	160
12	6512	83.60	200	200	160

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

*This rating applies to pipe of PVC material per ASTM D2241.

Packaged Items

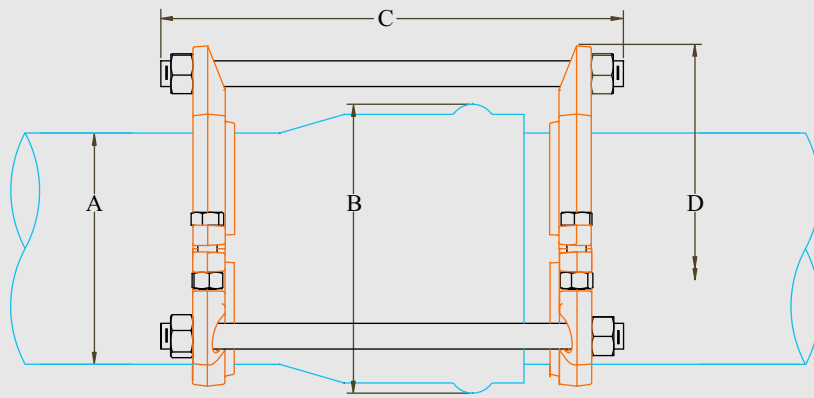


Sample Specification

Restraint for ASTM D2241 pipe bells shall consist of the following: The restraint shall be manufactured of ductile iron conforming to ASTM A536. A split serrated ring shall be utilized behind the pipe bell. A split serrated ring shall be used to grip the pipe and a sufficient number of bolts shall be used to connect the bell ring to the gripping ring. The restraint shall be the Series 6500 as manufactured by EBAA Iron, Inc. or approved equal.

Series 6500 Submittal Reference Drawing

E B A A
I R O N

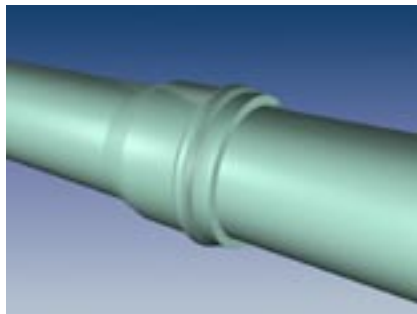


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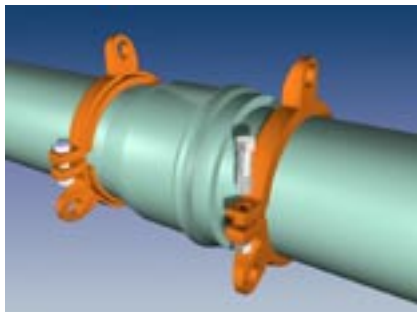
Nominal Pipe Size	Series Number	A Pipe O.D.	B Maximum Bell O.D. Cleared	C Over All Length	D Max. Restraint O.D. (Casing Clearance)	Thrust Bolt (Number - Size)
2	6502	2.38	3.56	12	5.57	2 - 5/8 x 12
2½	650250	2.88	4.08	12	6.07	2 - 5/8 x 12
3	6503	3.50	5.01	12	7.01	2 - 5/8 x 12
4	6504	4.50	6.98	18	10.00	2 - 1 x 18
6	6506	6.63	9.61	18	12.25	2 - 1 x 18
8	6508	8.63	12.50	18	15.66	3 - 1 x 18
10	6510	10.75	15.25	22	17.38	4 - 1 x 22
12	6512	12.75	17.75	22	20.00	4 - 1 x 22

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

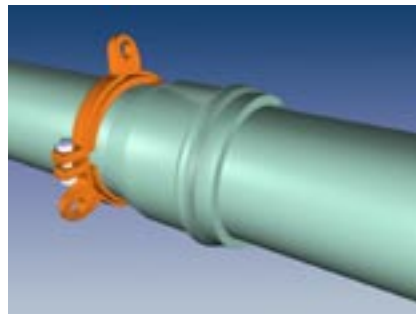
Installation Instructions



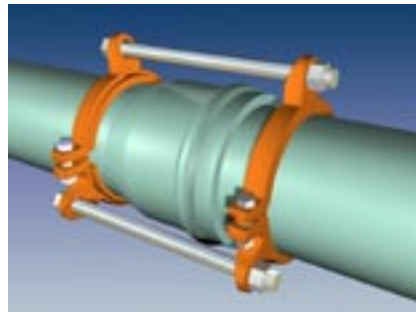
1. The Series 6500 is designed for restraining push-on, ASTM D2241 PVC pipe bells. It has a split, serrated restraint ring on the spigot and a split serrated ring behind the bell.
2. Assemble the push-on joint per the pipe manufacturer's instructions.



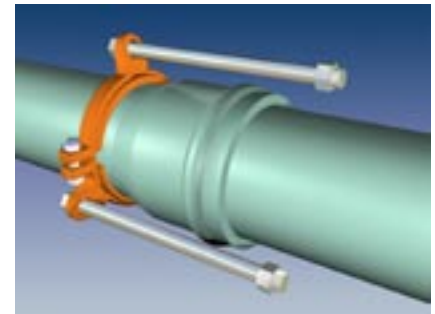
5. Install both halves of the restraint ring at the proper location, tapping each half into place. Make sure that the complete ID of the ring is touching the pipe before installing the side bolts. Tighten the side bolts evenly to 110 ft-lbs torque. (60 ft-lbs on 4" and 6")



3. Install both halves of the serrated bell 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 torque. (60 ft-lbs on 4" and 6")



6. Place nuts on the tie bolts and tighten until they are snug. Allow enough room on the tie bolt to fully engage the nut with several threads showing. Do not tighten these bolts enough to force the spigot further into the bell of the joint.



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



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