



- FOR:** Use as a PVC pipe stop for pipe to pipe bell to spigot joints on (4" – 16") DIOD AWWA C900/C905/C909 pipe  
 \*Use as a PVC pipe stop for pipe to pipe bell to spigot joints on (4" – 12") IPS D2241 pipe  
 \*Use as a PVCO pipe stop for pipe to pipe bell to spigot joints on (4" – 12") IPS AWWA C909 pipe  
 \*NOTE: Requires MJ transition bell stop ring

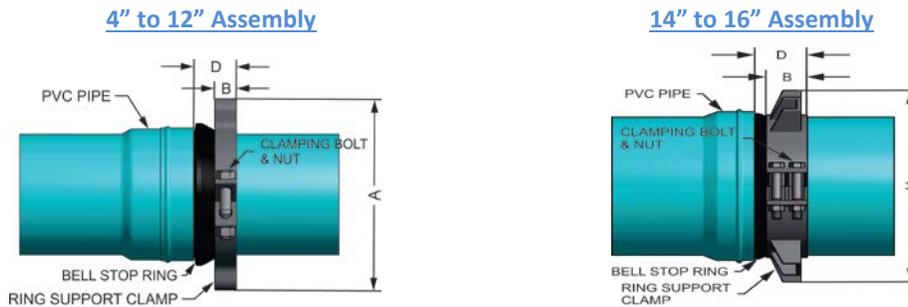
**USE:** Improper installation such as over-insertion of a PVC/PVCO pipe to pipe bell to spigot joint can cause damage to pipe bells, reduction in joint deflection, and joint leaks. The 3000PS properly installed will allow the joint to assemble as designed

**FEATURES and ADVANTAGES:**

- Available in sizes 4" through 16" (Ring support clamps for IPS PVC/PVCO pipe available in 4" – 12" only)
- Full 360° contact, no pipe distortion or point loading
- To ease installation, ring support clamp can be assembled on the piping outside the trench
- Clamping bolts comply with applicable ANSI/AWWA C111/A21.11 requirements
- For easy identification, *IPS* pipe diameter clamps are GREY and *DI* pipe diameter clamps are BLACK

**SAMPLE SPECIFICATIONS:**

Ring support clamps are made of high strength grade 65-45-12 ductile iron in accordance with the requirements and specifications of ASTM A536 and the standard coating is an alkyd resin baking enamel. Restraint internal serrations are machined to exact tolerances. Serrated restraint clamps shall be used to grip the pipe spigot and be capable of being installed bi-directional. Rubber bell stop ring is NSF 61 approved.



Nominal Size	Series 3000PS for PVC/PVCO Pipe With Ductile Pipe O.D.		Series 3000PS For PVC/PVCO Pipe With IPS Pipe O.D.		*A	*B	**D	Quantity, Sizing and Torque For Clamp Assembly Bolts			Clamp Weight	Kit Weight
	Pipe O.D.	Part Number	Pipe O.D.	Part Number				DIOD/IPS	Qty	Size		
4	4.80	538981	4.50	CALL	9.12	1.12	2.34 / <b>2.38</b>	2	5/8 X 3.5	100 ft. lbs.	4.5 lbs.	6 lbs.
6	6.90	538998	6.63	CALL	11.12	1.12	2.34 / <b>2.37</b>	2	5/8 X 3.5	100 ft. lbs.	6.5 lbs.	7.9 lbs.
8	9.05	539001	8.63	CALL	14.74	1.25	2.47 / <b>2.52</b>	2	3/4 X 5	150 ft. lbs.	10.0 lbs.	13.0 lbs.
10	11.10	538967	10.75	CALL	16.81	1.38	2.60 / <b>2.64</b>	2	7/8 X 5	150 ft. lbs.	18.0 lbs.	20.3 lbs.
12	13.20	538974	12.75	CALL	19.45	1.38	2.60 / <b>2.66</b>	2	7/8 X 5	150 ft. lbs.	21.0 lbs.	22.9 lbs.
14	15.30	539018	N/A	N/A	22.54	4.00	5.22 / <b>N/A</b>	4	7/8 X 6.5	150 ft. lbs.	43.5 lbs.	45.0 lbs.
16	17.40	539025	N/A	N/A	24.66	4.00	5.22 / <b>N/A</b>	4	7/8 X 6.5	150 ft. lbs.	46.0 lbs.	48.0 lbs.

\*Note: Approximate dimension

\*\*Note: IPS dimensions for pipe bell stop rings are in red



- Step (1):** Lube the inside diameter of the bell stop ring and slide the ring onto the plain end of the PVC pipe. The angled side of the gasket must face away from the end of the pipe to be assembled per Figure 1.
- Step (2):** Align the bell stop ring with the pipe manufacturer's reference line per Figure 2. If the pipe has been cut or the line is not visible, mark a line at the pipe manufacturers recommended distance.
- Step (3):** Assemble the 3000C ring support clamp at the end of the bell stop ring per Figure 3. Tighten the ring support clamping bolts on each side evenly, maintaining equal spacing between the clamp ring support pads on both sides. (Torque 4" – 6" clamp assembly bolts at 100 ft. lbs. and 8" – 12" clamp assembly bots to 150 ft. lbs.)
- Step (4):** Complete PVC pipe joint assembly per manufacturer's assembly instructions.

**Tyler Union Waterworks Contact Information**

Tyler: 11910 CR 492 • Tyler, Texas 75706 • (800) 527-8478  
 Anniston: 1501 W 17<sup>th</sup> St. • Anniston, AL 36201 • (800) 226-7601  
 Corona: 1001 El Camino Ave. • Corona, CA 92879 • (866) 527-8471  
[www.tylerunion.com](http://www.tylerunion.com)