

FACT REPORT

Rain Bird® has swept away the competition again.
Install Confidence™. Install Rain Bird®
1" Swing Joints.



RAIN BIRD®

145 North Grand Avenue
Glendora, CA 91740-0037 U.S.A.

RAIN BIRD®

Install the Irrigation Industry Leader.

Rain Bird® Swing Joints are the most reliable and best performing swing joints on the market. Here are just a few of the reasons why Rain Bird Swing Joints are the best in the world:

- Rain Bird's Swept Elbow design (Patent Pending) increases structural integrity and reduces pressure loss by more than 50%.
- Rain Bird's Double O-Ring Design with Patented Pressure Relief Vent reduces labor and maintenance costs by preventing leaks and contamination.
- Oversized Threaded Inlets make hand tightening and blind installation easy.
- Sturdy design has a pressure rating of 315 psi.

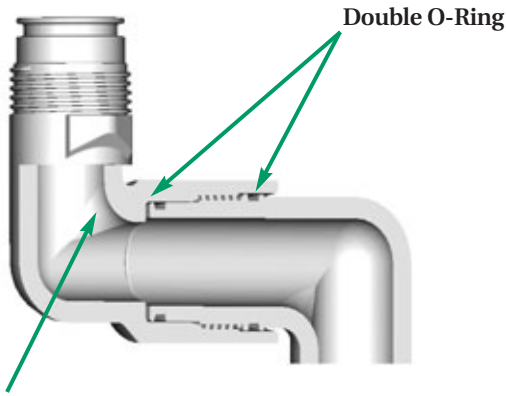


TSJ Series – 1" Swing Joint

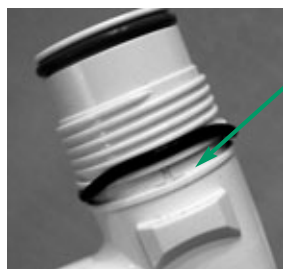
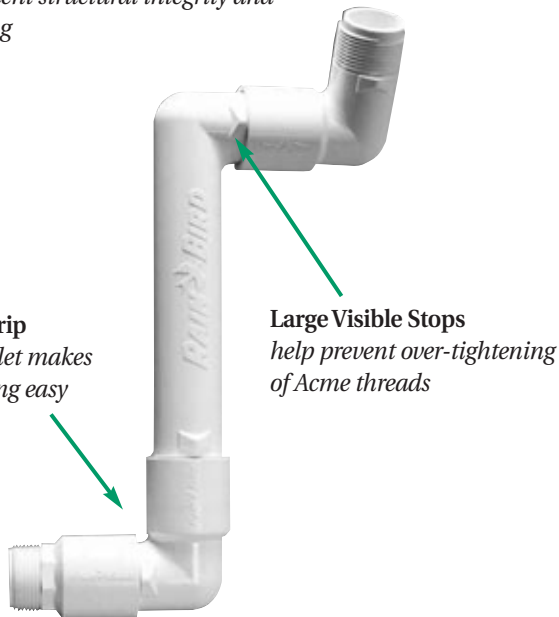
TSJ 12:	12" L, M x M NPT
TSJ 12SPGT:	12" L, Spigot x M NPT
TSJ 18:	18" L, M x M NPT
TSJ 18SPGT:	18" L, Spigot x M NPT

Install the Proof...

Rain Bird's Double O-Ring Design provides double the protection against leaks. The outer seal also keeps the threads clean and free of debris to ensure smooth operation.



Rain Bird's Patent Pending Swept Elbow provides excellent structural integrity and a 315 psi rating

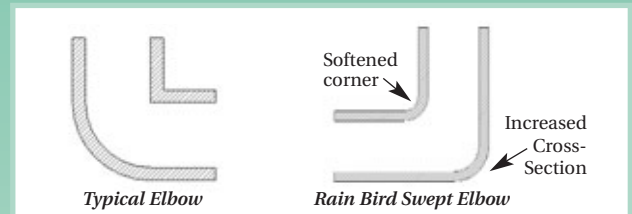


Patented Low Pressure Relief Vent prevents pressure from building up between the primary and secondary O-Rings when swing joint is assembled underwater, eliminating blown O-Rings



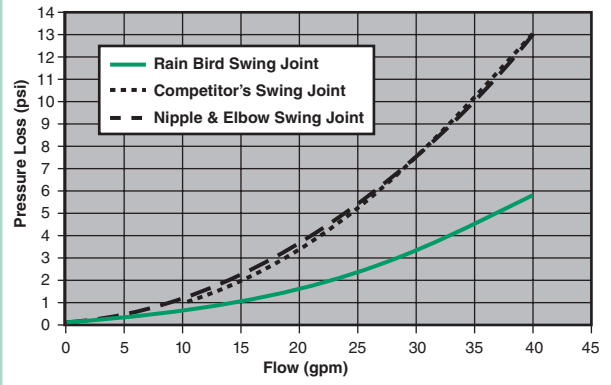
► Call 1-800-RainBird (U.S. only) or visit www.rainbird.com for your local distributor.

Rain Bird's Patent Pending Swept Elbow Design is the greatest innovation in swing joint technology.



Rain Bird's Swept Elbow Design reduces pressure loss by over 50% compared to the competition.

1" Swing Joint Pressure Loss Comparison



A Cut Above...

The cross section of a 1" Rain Bird Swing Joint elbow and the cross section of 2 leading competitors' swing joint elbows show exactly why the Rain Bird 1" Swing Joint is a superior product. Both of the competitor's elbows have a sharp inner corner which cause turbulence and pressure loss. One of the competitors has other obstructions in the flow pattern which cause even more losses. The Rain Bird Swing Joint is the only product offered on the market that is engineered to maximize flow and reduce pressure losses. The cross section view of the Rain Bird Swing Joint shows the smooth flow path, the softened inner corner and the increased cross-sectional area. These 3 unique features make the Rain Bird Swing Joint the best performing swing joint on the market today!

