



## SG143 Adjustable Branch Line SprinkGUARD Installation Guide

The SG143 Adjustable Branch Line Guard is designed to fit on short branch nipples and weld-o-lets.

**STEP 1:** Identify all items needed for the installation of one guard.

Items Include:

- (1) SG143 Base plate
- (1) SG123 Cage
- (1) SG905 SprinkLOCK
- (1) 1 ½" U bolt
- (4) 1/4" Nylock Nuts
- (2) 1/4" x 3/4" Hex Bolts

**Installer will need a 7/16" wrench and socket for the installation.**

**STEP 2:** Assemble the guard by placing the cage on top of the base plate, while placing the SprinkLOCK on the bottom of the baseplate with the open end "mouth" away from the feet of the base plate (see illustration below) Note: The SprinkLOCK plate can be placed in either direction however placing it with "mouth" away from feet will help prevent it from sliding forward on the branch fitting. Insert the (2) - 1/4" x 3/4" bolts through cage, base plate and SprinkLOCK plate and finger tighten the nylock nuts.

**STEP 3:** Position assembly on branch fitting (i.e. weld-o-let or threaded nipple), Using the 1-1/2" U bolt and nylock nuts, secure assembly to the branch fitting.

**STEP 4:** Center the cage on the sprinkler head and slide SprinkLOCK forward till it makes contact with the fitting, finish tightening the 1/4" x 3/4" bolts to secure the cage and SprinkLOCK plate to the base plate.

